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Volume VIII

MAY 1913

Number II

# BULLETIN

103

— OF —

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Annual Catalogue  
UNIVERSITY OF ILLINOIS

PRESIDENT'S OFFICE

GOSHEN, INDIANA





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-13  
Volume VIII

MAY 1913

Number II

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103

— OF —

# GOSHEN COLLEGE



## Annual Catalogue

UNIVERSITY OF ILLINOIS

PRESIDENT'S OFFICE

GOSHEN, INDIANA





1912—CATALOGUE—1913

# GOSHEN COLLEGE



GOSHEN, - INDIANA

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ANNOUNCEMENTS

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FOR

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1913—1914

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*Entered as second-class matter February 22, 1906, at the postoffice at  
Goshen, Ind., under act of Congress of July 16, 1904.*

*Issued six times per year.*

# CALENDAR

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## 1913.

Baccalaureate Sermon .....	June 15
Music and Oratory Exercises .....	June 16
Anniversary Day .....	June 17
Alumni Day .....	June 18
Class Day .....	June 19
Commencement Exercises .....	June 20
Summer School Opens .....	June 2
Summer School Closes .....	August 22
Fall Term Opens .....	September 24
Thanksgiving Vacation .....	Nov. 26 to Dec. 1
Fall Term Closes .....	December 17
Christmas Vacation .....	Dec. 17 to Dec. 29
Special Bible Term Opens .....	December 29
Winter Term Opens .....	December 29

## 1914.

Special Bible Term Closes .....	January 23
Winter Term Closes .....	March 20
Spring Term Opens .....	March 23
Peace Day .....	May 18
Baccalaureate Sermon .....	June 7
Music and Oratory Exercises .....	June 9
Alumni Day .....	June 10
Class Day .....	June 11
Commencement Day .....	June 12
Summer School Opens .....	June 1
Summer School Closes .....	August 21
Fall Term Opens .....	September 23
Fall Term Closes .....	December 16

# 1913 CALENDAR 1914

1913

1914

1914

S M T W T F S	S M T W T F S	S M T W T F S
<b>SEPTEMBER</b> 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	<b>JANUARY</b> 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	<b>MAY</b> 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31
<b>OCTOBER</b> 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	<b>FEBRUARY</b> 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28	<b>JUNE</b> 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30
<b>NOVEMBER</b> 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	<b>MARCH</b> 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	<b>JULY</b> 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31
<b>DECEMBER</b> 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	<b>APRIL</b> 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	<b>AUGUST</b> 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

# CORPORATION

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## MENNONITE BOARD OF EDUCATION.

### Term Expires in 1913.

George R. Brunk .....	Denbigh, Va.
I. R. Detweiler .....	Goshen, Ind.
John Blosser .....	Rawson, Ohio
J. J. Fisher .....	Kalona, Iowa
A. D. Wenger .....	Fentress, Va.
D. N. Lehman .....	Millersville, Pa.

### Term Expires in 1914.

D. D. Miller .....	Middlebury, Ind.
E. S. Hallman .....	Goshen, Ind.
Aaron Loucks .....	Scottdale, Pa.
C. P. Yoder .....	Goshen, Ind.
Joseph Bechtel .....	Philadelphia, Pa.
J. M. Kreider .....	Palmyra, Mo.

### Term Expires in 1915.

D. J. Johns .....	Goshen, Ind.
H. F. Reist .....	Scottdale, Pa.
J. S. Shoemaker .....	Freeport, Ill.
J. P. Bontrager .....	Albany, Ore.
Daniel Eshleman .....	Smithburg, Md.

### Term Expires in 1916.

D. A. Yoder .....	Elkhart, Ind.
D. S. Yoder .....	Bellfontaine, Ohio
S. F. Coffman .....	Vineland, Ont.
Aaron Wall .....	Mountain Lake, Minn.
D. G. Lapp .....	Roseland, Nebr.
A. L. Hess .....	Hesston, Kan.

N. E. Byers, President of Goshen College.

J. S. Hartzler, Business Manager of Goshen College.

D. H. Bender, Principal of Hesston Academy.

T. M. Erb, Business Manager of Hesston Academy.



## OFFICERS OF THE BOARD.

John Blosser, President; D. G. Lapp, Vice-President;  
D. D. Miller, Secretary; J. S. Hartzler, Treasurer.

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## STANDING COMMITTEES OF THE BOARD.

### Executive.

J. S. Hartzler, Chairman

E. S. Hallman	N. E. Byers	F. S. Ebersole
D. J. Johns	L. S. Nafziger	J. O. Martin

### Faculty.

D. J. Johns, Chairman

J. M. Kreider	A. D. Wenger
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### Finance.

I. R. Detweiler, Chairman

J. S. Hartzler	C. P. Yoder
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### Religious Welfare.

J. S. Shoemaker, Chairman

Daniel Kauffman	D. D. Miller
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### Auditing.

D. S. Yoder, Chairman

I. R. Detweiler	L. S. Nafziger
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### Buildings and Grounds.

J. S. Hartzler, Chairman

Adam Bear	J. O. Martin
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### Equipment.

H. W. Eby, Chairman

S. F. Coffman	H. F. Reist
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# FACULTY

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## **NOAH E. BYERS, A. M., President.**

B. S., Northwestern University 1898; student, Chautauqua (N. Y.) Summer School, 1898; Principal of Elkhart Institute, 1898-1903; graduate student of Mathematics and Education, The University of Chicago, summers of 1899 and 1900; Austin Scholar Harvard University, 1902-03; A. M. Harvard University, 1903; traveled in Europe summer 1912; President and Professor of Philosophy and Education, 1903-

## **JONAS S. HARTZLER.**

Student, Cook County Normal, 1898, and Wooster University, 1899; ordained minister, 1881; Instructor, Elkhart Institute, 1895-1903; Instructor Goshen College, 1903-05; traveled in Oriental and missionary lands, 1910-11; Dean of Bible School, 1905-1912; Business Manager, 1912-

## **C. HENRY SMITH, Ph. D., Dean.**

Student, Illinois State Normal, 1896-98; Instructor, Elkhart Institute, 1898-99; student, University of Michigan, summer, 1899; A. B., University of Illinois, 1902; A. M. The University of Chicago, 1903; Instructor, Goshen College, 1903-05; Fellow in History, The University of Chicago, 1905-07; Ph. D., The University of Chicago, 1907; Instructor, Illinois State Normal, summer, 1907; Instructor Manual Training High School, Indianapolis, 1907-08; Professor of History and Social Sciences, 1908-; Dean of College, 1908-

## **DANIEL S. GERIG, A. B., Registrar.**

Student, Smithville Normal School, 1893-94; Instructor, Elkhart Institute, 1899-1902; Instructor, Wooster University, summer, 1903; A. B., Wooster University, 1904; graduate student in German and Latin, The University of Chicago, summers of 1904 and 1908; Instructor, Goshen College, 1904-05; traveled in Europe summer of 1912; Professor of German, 1905-

## **EPHRAIM J. ZOOK, A. M., Librarian.**

B. S., Ohio Normal University, 1897; Principal, schools of Canaan and Rittman, Ohio, 1897-99; Ph. B., Wooster University, 1901; Instructor Elkhart Institute, 1901-03; Instructor, Goshen College, 1903-04; A. M., The University of Chicago, 1905; Professor of Greek and Latin, 1905-

### **JONATHAN M. KURTZ, A. M.**

Student, Ohio Normal University, 1896; Instructor, Elkhart Institute, 1902-03; Instructor, Goshen College, 1903-04; A. B., Oberlin College, 1905; Scholar in Chemistry, Oberlin College, 1905-06; A. M., Oberlin College, 1906; graduate student, The University of Chicago, summers of 1909, '10, 11 and '12; Professor of Physical Sciences, 1906-

### **DANIEL A. LEHMAN, A. M.**

Graduate of First Pennsylvania State Normal 1889; Ph. B., Wesleyan University (Conn.) 1893; graduate student, The University of Chicago, 1893-95; Principal of Academy, University of the Pacific, (Cal.), 1895-98; Student Lick Observatory, summer of 1898; Professor of Mathematics, Baldwin University, (O) 1898-1902; A. M., Western Reserve University, 1903; Instructor Missouri State Normal, 1903-05; Instructor, University of Wisconsin, 1905-06; graduate student University of Michigan, summers, 1908-09; Columbia University, 1910, and University of Chicago, 1912; Professor of Mathematics and Astronomy, 1906-

### **PAUL E. WHITMER, A. B., D. B.**

Graduate of Goshen College, 1905; A. B., Oberlin College, 1907; D. B., Oberlin Seminary, 1908; graduate student in English, The University of Chicago, summer of 1911, and Michigan University, 1912; ordained minister, 1901; Instructor, Goshen College, 1908-09; Professor of Bible, 1909-11; Professor of English, 1911-

### **IRVIN R. DETWEILER, A. B.**

Graduate of Bible School, Elkhart Institute, 1902; Missionary to India, 1902-04; ordained minister, 1905; Student, Bethany Bible School, 1907-09; Secretary Mennonite Evangelizing and Benevolent Board, 1905; Field Secretary, Mennonite Board of Missions and Charities, 1906-; A. B. Goshen College, 1911; graduate student University of Chicago, 1912; Instructor in Bible 1909-12; Professor of New Testament and Missions, 1912-

### **JOHN E. HARTZLER, A. B., D. B.**

Graduate of Goshen College, 1904; student, McCormick Seminary, 1907-1909; A. B. Goshen College, 1910; D. B. Union Seminary, 1910; ordained minister, 1904; Pastor Prairie Street Mennonite Church, Elkhart, Indiana, 1910-; Instructor, Special Bible Term, Goshen College; 1910-11; Dean of Bible School and Professor of Bible, 1912-

### **\*JOHN D. BRUNK.**

Student New England Conservatory of Music, Boston; American Conservatory, Chicago; studied with the following teachers: F. Addison Porter, B. Cutter, S. W. Cole, Louis C. Elson, C. A. White, Sig. Mattiali, J. A. Gantvoort, Gertrude GrosscupPerkins, Walton Perkins, Adolph Weidig; Director of Music, West Central Academy, 1907-1900; Principal Piano Department Bridgewater College, 1900-05; Director School of Music, 1906-

### **ORIE MILLER**

Graduate Middlebury High School, 1910; Student Goshen College, 1910-11; teacher in public schools, 1910-12; graduate Goshen College School of Business, 1912; Student MacCormac Business College, Chicago, Summer, 1912; Principal School of Business 1912-

### **FRANCES EBERSOLE, Preceptress.**

Student Goshen College, 1904-11; Student The University of Chicago, summer 1913; Instructor in English, 1911-

### **SYLVIA BONTRAGER.**

Private teacher of Music, 1907-10; Assistant, Goshen College, 1910-11; Graduate Piano Course, Goshen College, 1911; Instructor Piano, 1911-

### **JOHN E. WEAVER.**

Graduate Boise Business College, 1908; Assistant in Bookkeeping, Boise Business College, 1907-08; Student Goshen College, 1909-11; Assistant in Bookkeeping, Goshen College, 1910-11; Instructor in Shorthand, 1911-

### **AMOS S. EBERSOLE.**

Student School of Music, Goshen College, 1910-12; private teacher of Music, 1911-13; Student American Conservatory, Chicago, summer of 1913; Instructor in Music, 1913-

\* Absent on leave.



## ADMINISTRATIVE OFFICERS.

Noah E. Byers .....	President
Jonas S. Hartzler .....	Business Manager
E. S. Hallman .....	Secretary
Daniel S. Gerig .....	Registrar
Ephraim J. Zook .....	Librarian
Frances Ebersole .....	Preceptress
Mary Stolzhus .....	Matron Kulp Hall
Aaron J. Eby .....	Master East Hall
John E. Weaver .....	Assistant to Business Manager
L. W. Hartzler .....	Supt. Buildings and Grounds
Fannie Shank .....	Assistant Librarian
Vinora Weaver .....	Office Clerk

## STANDING COMMITTEES OF FACULTY.

Public Occasions .....	Profs. Smith, Gerig, Detweiler
Publications .....	Profs. Byers, Gerig, Mr. Weaver
Chapel Exercises..	Profs. Whitmer, Hartzler, Mr. Ebersole
Religious Organizations .....	
.....	Prof. Whitmer, Miss Ebersole, Mr. Miller
Literary Societies,	Profs. Kurtz, Whitmer, Miss Bontrager
Athletics .....	Mr. Miller, Prof. Smith, Mr. Weaver
Scholarships .....	Profs. Detweiler, Byers, Mr. Hartzler
Student Affairs	Profs. Lehman, Byers, Miss Ebersole
Equipment .....	Profs. Byers, Zook, Kurtz
Library .....	Profs. Zook, Lehman, Gerig

# GOSHEN COLLEGE

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## HISTORY.

Goshen College had its beginning in the Elkhart Institute. The latter institute was opened in the G. A. R. Hall, Elkhart, Indiana, in 1895 by the Elkhart Institute Association and funds were raised by it with which to erect a suitable building. The structure was completed and formally dedicated in the early part of the year 1896. In 1908 the Association was incorporated under the laws of Indiana, with a board of nine directors which were located in or near Elkhart. As the school grew it became evident that a larger representation was needed. In 1901 the Constitution of the Association was so amended as to allow twenty-five directors distributed throughout the Church according to the amount of stock owned in the various sections of the Church. At this annual meeting the board appointed a committee to receive propositions for a better location and better grounds.

A suitable location was found in the southern part of the city of Goshen, Indiana. The present campus was purchased and a College building and a ladies' dormitory were erected. The school was opened in the rooms of the dormitory September 29, 1903. The College building was dedicated with appropriate services, January 8, 1904.

The school could not be truly a church institution and be owned by a private corporation, so the stockholders decided to transfer the ownership of the College to a Board of Trustees to be known as the Mennonite Board of Education. This Board was organized November 16, 1905, and the property transferred in February, 1906.

## LOCATION.

Goshen College is situated in the southern part of the city of Goshen, a growing city with a population of

ten thousand people. The Elkhart river which flows near the College campus affords most beautiful scenery. The city is on the L. S. & M. S. and Big Four railroads and Northern Indiana and Winona Interurban railway lines, and is surrounded by one of the richest farming communities in Northern Indiana.

### ADMINISTRATION.

The Mennonite Board of Education owns and controls Goshen College and Hesston Academy and Bible School.

The business and prudential affairs of the Mennonite Board of Education are managed by a Board of Trustees, consisting of one trustee, from each Mennonite conference district now existing, and which shall hereafter be established, four trustees at large, the head, the business manager, and two alumni from each institution which now exists, or shall hereafter come under the supervision of the Board. Each district or state conference has the right to elect a trustee to represent them on this Board, the Mennonite General Conference has the right to elect the trustees at large and the Alumni Associations their representatives. In case the conferences or Alumni Associations fail to exercise such right then the Board shall elect the trustees.

The Board elects its own officers at each annual meeting. The Executive Committee, elected at each annual meeting of the Board, is responsible for the management of all affairs of the institution, subject to the direction and approval of the General Board.

### AIM.

The aim of Goshen College is concisely expressed by the motto on its seal "Culture for Service". Through culture the student shall attain the development of all phases of his life—physical, intellectual, social, moral

and religious and the amount of attention given to any phase shall be in proportion to its importance in the life of the true man and woman. Religion shall not be an incidental consideration, but shall pervade the whole life and spirit of the institution. The end of all this culture shall not be primarily to know or to be, but rather to do. A special effort will be made to cultivate the desire and ability to be of service to others so that the student may enter the various vocations of life better fitted to do well some useful work and be able to share the responsibilities of promoting the general welfare of society.

### RELIGIOUS INFLUENCE.

A strong religious spirit pervades Goshen College. Students find this a great aid in true character-building. Bible study classes combine in some measure for all the students, practical Christian teaching with intellectual training. The Bible School affords special advantages to students who are preparing for religious work.

### CAMPUS AND BUILDINGS.

The campus of Goshen College consists of ten acres beautifully located in Goshen College Addition to the city of Goshen.

The main building is a commodious four-story structure, built of brick and stone. It contains modern well-lighted recitation rooms, a large assembly hall, gymnasium, bath room, cloak rooms, laboratories, offices, library, reading room, and commercial rooms.

Kulp Hall is a brick and stone structure of three stories above basement. The basement is used for a kitchen and a general students' dining hall; the first floor for reception rooms, matron's rooms and quarters for the School of Music; the second and third for students rooms. The building is nicely furnished and provides a desirable home for the young ladies.



East Hall is a three-story building with a laundry and bakery in the basement; reception room, master's rooms and students' rooms, on the second floor; and rooms for students on the third floor.

All the buildings are heated from a central heating plant and supplied with hot and cold water and lighted with gas and electricity.

### LIBRARY.

The library contains a number of the best books on various subjects as well as a large number of books of general interest. The Students' Library Association alone has added about one hundred volumes during the year. The classification and catalogue, the large number of reference books and the assistance of the librarians greatly aid the students in the use of the Library. The reading room is supplied with the daily and weekly periodicals, and some of the most important magazines. During the day the students have free access to all the books in the stack room and the reference books may be consulted at any time.

The Mennonite Historical Library is a collection of books on Mennonite history and literature which has been donated to the College by the Alumni Association and private individuals.

The city of Goshen has a large and well equipped Carnegie Library of 9,000 volumes to which the students have free access.

### THE LABORATORIES.

The Laboratories occupy three large well lighted rooms in the basement of the College building.

**Chemical.**—The Chemical Laboratory is fitted up with twenty-one individual students' desks for experimental work in general inorganic chemistry, qualitative and quantitative analysis and organic chemistry. The desks

are conveniently arranged and fully equipped with gas, water, waste sinks and reagent bottles. The evaporating hood has the ordinary gas connections. A supply room adjoining the laboratory contains the necessary chemicals and apparatus.

**Physical.**—The Vesperian Laboratory of Physics and Astronomy is provided with physical apparatus for both Academy and College work in mechanics, heat, light, sound, electricity, and magnetism. It is well supplied with water, gas and electricity. A dark room has been fitted up for photometry and other experiments in light. A number of carefully selected slides are used in the study of sound, light, the sun, the moon and the planets.

The Vesperian Society has recently added a large case, tables equipped with all the conveniences for individual work, and a number of expensive pieces of apparatus such as stereopticon, optical disk, wireless telegraph, and a fine 3½ inch telescope equatorially mounted and controlled by a modern Gaertner driving clock.

**Biological.**—The Biological Laboratory is furnished with tables, chairs, demonstration cases and a rack for insect cases. Material for class use and demonstration, such as bird skins, dissections in alcohol, mounted insects and animals representing various groups have also been added.

The Laboratory is also furnished with compound and dissecting microscopes, microscopic slides, lantern slides models, manikins and a human skeleton, besides numerous books for reference.

### MUSIC ROOMS.

A sufficient number of rooms have been fitted with instruments for the use of the School of Music. The instruments are modern and in good condition. Lined blackboards have been placed in the studios and a Virgil

Practice Clavier has been placed for illustrating piano technic. The practice rooms are of convenient size and the studios are quite large and comfortable.

### MUSEUM.

In the Museum, which is on the third floor of the College building, there are exhibited various things of interest such as fossil remains of animals, minerals, oriental costumes, Indian relics. Of especial interest is the India collection which represents more or less completely the life and customs of the central provinces. Gifts to the museum are always appreciated, and plans are being made to protect with suitable cases all new material.

### BUSINESS ROOMS.

Three rooms on the first floor are devoted to the work of the School of Business. They are furnished with a full set of offices for actual business, a supply of typewriters and individual desks for bookkeeping.

### GYMNASIUM.

A large room with high ceiling in the basement of the main building is devoted to physical exercise. It is equipped with ladder, spring board, suspended rings, Indian clubs, dumb-bells, mats and basketball. A bath room with shower baths and dressing rooms adjoin the gymnasium.

### ATHLETIC FIELD.

The athletic field contains a sixth-mile track, baseball diamond, and tennis courts. The Elkhart river runs near the College and affords opportunity for skating, rowing and swimming.

### COLLEGE FARM.

A farm of 115 acres near the College has been purchased. Some of the students will be employed to aid in the farm work and some of the products will be used in the dining hall.



# Admission to College

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## REQUIREMENTS FOR ADMISSION TO COLLEGE

The work required for admission includes the subjects taught in the public schools in the eight grades below the high school and in four years of the high school course or its equivalent.

A common school license to teach in the public schools will exempt the candidate from examination in the common branches—grammar, arithmetic, geography, United States history, and elementary physiology.

The amount of work required for entrance is based upon the work of the commissioned high school.

A one-year course meeting daily for forty-five minutes, or a one-year course meeting four times per week for sixty minutes is accepted as the unit of credit, and a total of 16 units is required for entrance to College. Eleven units are in prescribed subjects and five are elective.

The prescribed units are:

English .....	3 units
Mathematics .....	2 units
Foreign Language .....	2 units
General History .....	1 unit
Science .....	1 unit

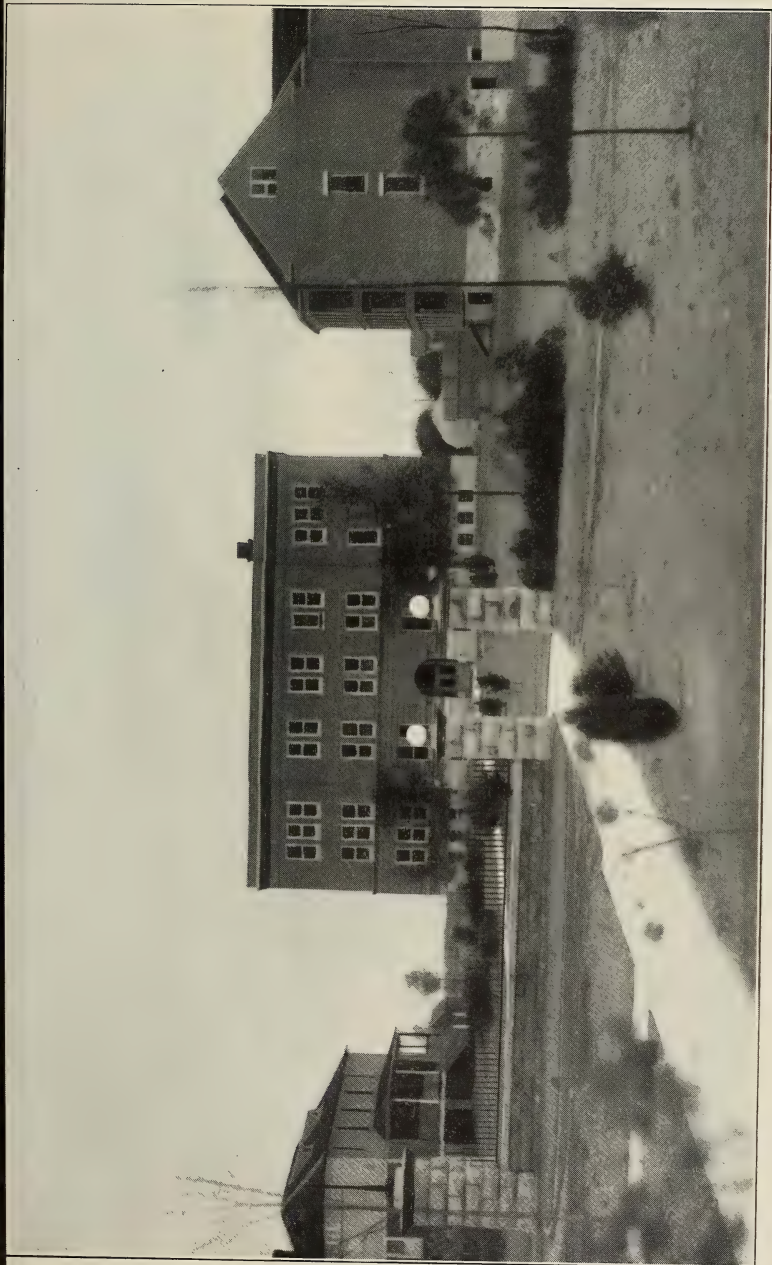
Electives:

Additional units from above group	2 units
Electives .....	5 units

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Total for admission ..... 16 units

The remaining five units are elective. Any subject taught in the commissioned high school will be accepted; but in order to obtain the best results in their college course students are strongly advised to pursue the fol-



CAMPUS.



RECEPTION ROOM, KULP HALL.

lowing studies for at least three more of the courses; foreign language, two years; mathematics, one year.

Graduates of commissioned high schools or other fitting schools, upon presenting their diplomas and certificates of work done may choose between the following methods of entrance.

Admission to full standing in the Freshman class without examination; the College recognizes the four years of high school training as sufficient preparation for the Freshman work; or

Admission to Freshman class by satisfying, study for study, the requirement for entrance. In this case the student may stand examination for additional work done in the high school. In no case will advanced credits be given without such examination.

#### **ADMISSION BY CERTIFICATE AND EXAMINATION.**

Students from approved preparatory schools, not having completed the full course upon which entrance is based, may present for college entrance, certificates of the work done and submit to an examination upon the remaining subjects necessary for entrance. Where examination is not passed the student will be required to make up the deficiency before college standing is given. No regular student who is conditioned in more than two admission units will be admitted to college standing.

#### **SPECIFIC REQUIREMENTS.**

The following paragraphs will show what is accepted as full preparation for college work in the several subjects. Explanation is given on page 16 of the number of credits required for entrance and the subjects that are prescribed.

**ENGLISH.**—The requirement in English is two-fold; it comprises accurate knowledge of certain pieces of lit-



erature and proficiency in English composition, both to be pursued for three years.

To satisfy the requirements in literature, the candidate will be expected to show a personal knowledge and appreciation of the work which he has studied in high school.

Any applicant who does not come from a commissioned high school may be required to be tested as to his ability to write clear and correct English. Such a test will consist of a short essay on a subject chosen by the examiner and drawn from the experience of the student.

**MATHEMATICS. I. Algebra.** Including fundamental operations, graphs, factors, common divisors and multiples, fractions, powers and roots, the binomial theorem, positive integral exponents, radicals, ratio, proportion and variation, inequalities, arithmetical and geometrical series. One and one half units.

**II. Plane Geometry.** Construction, demonstration, including original exercises, and solution of practical problems. One unit.

**LATIN.** Latin lessons with careful drill in form of declension and conjugation. At least four books of Caesar's Gallic Wars, accompanied by Latin composition. Two units. Two years will be given to this preparation.

**II. Six Orations of Cicero.** This with above counting three units.

**III. Six Books of Virgil.** Prosody. In addition to the preceding. Four units.

**GREEK. Grammar. Anabasis Book I.** One unit.

**II. Anabasis Books II, III, IV.** One unit.

Two years must be spent in this preparation.



**GERMAN I.** Beginning Grammar, Glueck Auf and German Reader. One unit.

II. At least three standard German works. One unit.

Two years must be spent in this preparation.

**ANCIENT HISTORY.** The examination will include.

I. The History of Greece to the death of Alexander.

II. The History of Rome to the death of Marcus Aurelius. The examination presupposes the use of good text books and a systematic course of study for one school year.

**SCIENCE.** Selections may be made from the following units. Each subject shall represent a year's work with a large amount of laboratory work carefully recorded in note book: Physics, Chemistry, Biology, Botany, Zoology.

Any three of the following subjects, each representing the work of a single term of twelve weeks, or any two, each representing the work of one-half year, will be accepted, if necessary, for a required unit in Science; Chemistry, Elementary Botany, Elementary Zoology, Elementary Astronomy.

### **SPECIAL STUDENTS.**

Persons who have not had all the required entrance units may upon application be admitted as special students and may select such courses for which in the judgment of the professors in charge they are qualified by previous training.

# Graduation Requirements

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The subjects required for graduation are divided into three groups, viz: prescribed, major and elective. This system makes provision for the general culture by prescribing some work in each of the great fields of knowledge; it encourages scholarship by requiring advanced courses in at least one department; and provides for the peculiar needs of the individual, with the advantage of personal choice, by giving freedom in the selection of his major subjects and electives.

The College year is divided into three terms of twelve weeks each and one recitation per week throughout the term constitutes a College credit of one hour. Each student is supposed to register for fifteen hours work each term. Any student desiring to take more than fifteen hours work must make application in written petition for same to the Faculty, presented to the Dean, not later than two weeks before the close of the preceding term.

The regular College Course for the A. B. degree shall consist of 180 hours of College work in addition to the required exercises in physical culture. Of this work 86 hours are prescribed.

## PREScribed SUBJECTS:

The prescribed courses are as follows:

English .....	15 hours
Mathematics .....	10 hours
Foreign Languages .....	21 hours
History or Social Science .....	15 hours
Natural Science .....	15 hours
Philosophy .....	10 hours

**MAJOR SUBJECTS.**

Each student is required to select one department in which he will do his Major work. This shall consist of 45 hours credit but includes the prescribed work in this department. At the beginning of the Junior year each student shall, after consulting the Dean, select his major subject and notify the Registrar of his choice.

**FRESHMAN WORK.**

Freshman are required to take at least 13 hours from the prescribed work in English, Mathematics, Foreign Languages or Natural Science, including English VI and Mathematics IV and V. All prescribed work except that in Philosophy should be completed by the end of the second year.

The following curricula are suggested for Freshmen:

I	II	III
English.....2	English.....2	English... ..5
Mathematics.....5	Mathematics .....5	Mathematics.....5
Language.....3	Language.....5	Language.....3
Zoology.....5	Chemistry.....3	Bible.....2

**PROFESSIONAL COURSE.**

Students who have completed their prescribed and major work and have 135 hours credit may secure a leave of absence during their Senior year to attend a standard professional school. The degree will be conferred when a statement has been received from the Faculty of the professional school that the student has satisfactorily completed one full year's work.

The following courses are suggested for those expecting to take up agricultural, medical or engineering courses after completing three years of College work:

AGRICULTURE	MEDICAL	ENGINEERING
English.....15	English .....15	English.....15
Language.....21	Language .....21	Language.....21
History.....15	History.....15	History.....15
Mathematics.....10	Mathematics.....10	Mathematics.....24
Biology.....45	Biology.....20	Astronomy... ..11
Chemistry.....9	Chemistry.....33	Physics.....12
Physics.....12	Physics.....12	Chemistry.....24
Philosophy.....10	Philosophy.....10	Philosophy.....10

**DEGREE.**

The degree of Bachelor of Arts will be conferred upon those who have complied with the requirements for graduation as stated above. Credit from other standard colleges may count toward the degree, but no student will be graduated who has been in residence for less than one year.

# Departments of Instruction

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## BIBLE

**Professor Hartzler, Professor Detweiler.**

The courses in this department are offered with a conviction that Biblical history and literature contains the supreme religious message for all ages, hence for our age; and that an intelligent Christian attitude towards life and its problems is conditioned by an appreciative knowledge of that message. The following courses are designated to give the student a broad and practical knowledge of the history, literature, and thought of the books of the Bible; also to train in methods of interpretation and independent Bible study.

### OLD TESTAMENT.

#### **II. Old Testament Theology. T. Th. Three Terms.**

**a. Hebrew Poetry.**—This course will consist of a careful study of characteristic Hebrew Poetry from Psalms and Ecclesiastes, emphasising the view points and methods of the writers.

**b. The Dialogue of Job.**—This course will be an intensive study of the book of Job. The student will be required to outline and systematically arrange the book.

**c. Biblical Theology.**—A general survey of Old Testament Theology will be given. The aim will be to give the student a working knowledge of the theology of the Old Testament with methods for collecting and utilizing the same.

#### **III. Old Testament. M. W. Three Terms.**

**a. Prophecy.**—This will be an advanced course in prophecy dealing largely with the origin, psychology and



some special subjects of prophecy. Prophecy as a factor in human history; as a denominating factor in Israel's history; the prophetic state; inspiration; the Isaianic and Messianic problems shall receive special attention.

**b. Isaiah.**—This is a special introduction to the Isaianic writings. The religious, social and political conditions surrounding the book of Isaiah will receive special attention. The student will be required to master the contents of the book and outline the same. Special papers will be required on select subjects. The aim of this course will be to master the great Isaianic and Messianic problems.

**c. The Minor Prophets.**—Several of the Minor Prophets will be taken up in much the same way and with a similar purpose as that of Isaiah.

## NEW TESTAMENT.

### I. Special Introduction.

T. Th. Three Terms.

These courses aim to make the student familiar with the origin and development of our New Testament writings. In the study of the several books, each book is considered with respect to its historical settings, literary character, author, first readers, occasion, aims, and social, ethical, and doctrinal teaching. The discussion and lectures in class are supplemented with assigned readings and written reports.

**a.** During the first term a thorough inductive study is made of the Gospel of John. First the great leading facts are noted, then the development of thought of the book is traced, followed by the investigation of minor details and their relation to the purpose of the books as a whole.

**b.** The second term will be given to a study of the Epistles of John.

c. The third term will be devoted to the epistles of James, Peter and Jude. Not given 1913-14.

## **II. Special Introduction.**

**T. Th. Three Terms.**

The Synoptic Gospels, the Acts of the Apostles, and the Pauline Epistles.

a. The narrative portion of Matthew and Luke are gone over rapidly to give proper setting of the discourses of Jesus, which are then taken up for study.

b. The acts of the Apostles furnish the material for a study of the development, problems, and teachings of the primitive Church and the Doctrines that grew out of them.

c. The same inductive method will be used in the study of the several representative Pauline Epistles. The Epistles that are exegetically studied in other courses are given only in rapid survey while others are studied in detail.

## **IV. The Gospels and Epistles. M. W. F. Three Terms.**

This is primarily a linguistic course in New Testament Greek, designated for those who have studied classical Greek and wish to acquire facility in the use of the New Testament Greek. It is intended to familiarize the student with the peculiar characteristics of New Testament Greek, and to enable him to read any part of the New Testament at sight.

## **V. The Gospels.**

**M. W. F. Three Terms.**

In this and the following course it is assumed that the student has a sufficient knowledge of the Greek language to enable him to read the Greek New Testament with ease. This year's work will be devoted to a Grammatico-historical exegesis of the Synoptic Gospels—Mark with

supplementary passages from Matthew and Luke. The chief aim will be to construct an outline of the life of Christ from the original sources. Special attention is given to the grammatical and philological peculiarities of Hellenistic Greek, the synoptic and similar problems and a reverent and appreciative interpretation of the Scripture studied.

**VI. Romans and Hebrews.**

**T. Th. Three Terms.**

In connection with the translation and interpretation of the Epistles special attention will be given to the problems and teachings of the primitive Church and the doctrines that grew out of them. An effort will be made to get a clear and comprehensive conception of Christianity in the Apostolic Age.

**VII.—New Testament Theology. M. W. Three Terms.**

**a. The Teachings of Jesus.**—This course is based on the historical and careful exegesis of the New Testament. A working knowledge of the Greek, while a great help is not absolutely required. The aim is to give thorough acquaintance with the materials, the fundamental principles in the teaching of Christ, and to give practice in gathering and utilizing such material. Jesus' conception of the Kingdom of Heaven, of Prayer and of kindred subjects will be given special attention.

**b. The Teachings of Paul.**—The method and aim of course I will be continued through this course. The special aim will be to ascertain Paul's exact teaching on the Law, Sin, Grace, the Flesh and like subjects.

**c. The Apostolic Church.**—The aim of this course shall be to trace carefully the origin, problems, rise and development of the early Church. Not given 1913-14.

## BIOLOGICAL SCIENCE

Professor —————.

### III. General Botany.

M.—F. Three Terms.

The work in this course consists of three laboratory periods of two hours each and two class recitations each week.

This course will begin with the study of cryptogams in the fall term. During the winter and spring terms, the time will be given to a study of the phaenerogams. Emphasis will be laid on plant structure, function, relationship and comparative morphology.

Systematic botany will be studied especially during the spring term, much time being given to field work and classification of plants.

The laboratory work will consist of careful observation, dissection and drawing of types selected from the various groups of plants. The recitations will be for the purpose of considering general problems relating to plants and discussing such questions as may arise in connection with the laboratory work. Not given 1913-14.

### IV. General Zoology.

M.—F. Three Terms.

The work in this course will consist of three laboratory exercises of two hours each and two lectures or quizzes each week.

**a. Invertebrate Zoology.** Work during this term begins with the simplest types of animal life and will include careful observations and drawings of such forms as: the amoeba, vorticella paramoesium, obella, daphnia, cyolops, etc., and dissection of the crayfish, fresh water mussel and others. Such field work will be done as will be most helpful in the laboratory work and general problems relating to invertebrates.

**b. Vertebrate Zoology.** This term's work will include careful dissection and drawing of a number of vertebrates such as: fishes, frogs, turtles and some form of mammal. Emphasis will also be laid on field work and the collecting of specimens together with general problems relating to vertebrates.

**c. Bird and Insect Course.** The first six weeks of this term will be given to the dissection of a typical bird and the classification of a prescribed number of bird skins. The work will also include the identification of about seventy-five of the most common species in the field, together with a study of their nesting habits, migration, sexual dimorphism, economic value, etc.

The remaining six weeks will be devoted to the study of insects, this to include a laboratory dissection of type forms, collection and classification of a prescribed number of specimens. Each student will also be required to work out the life history of some animal. Not given 1913-14.

## ENGLISH

### COMPOSITION.

#### VI. Composition.

T. Th. Three Terms.

Weekly and fortnightly themes with a study of Lynn's Essentials of English Composition and Carpenter and Brewster's Modern English Prose. Required course.

#### VII. Exposition and Argumentation. T. Th. Three Terms.

Studies in the structure, style, and function of different types of exposition and argument, with some attention to their application to orations and debate. Prerequisite, English VI.

#### VIII. Description and Narration. T. Th. Three Terms.

The reading and criticism of masterpieces of descrip-



tion and narration, especially the short story, some study of technique, and constructive work in story writing. Prerequisite, English VI. Not given 1913-14.

### LITERATURE.

#### IX. Introduction to English Literature.

M. W. F. Three Terms.

A historical and critical survey of English literature from Beowulf to Kipling, based on an outline history of English Literature and Newcomer and Andrews' Twelve Centuries of English Poetry and Prose. Required course.

#### X. Masterpieces of English Literature.

T. Th. Three Terms.

The following poems will be the basis for detailed study, reports, and discussions: Shakespeare's Sonnets; Wordsworth's Prelude and Excursion; Tennyson's In Memoriam and Idylls of the King; Browning's dramas and the Ring and the Book. Prerequisite, English IX.

#### XI. Nineteenth Century Poetry. M. W. F. Three Terms.

The work in this course is based on Page's British Poets of the Nineteenth Century, which includes all the important English poets from Wordsworth to Swinburne. Prerequisite, English IX. Not given 1913-14.

#### XII. The Elizabethan Drama. M. W. F. Three Terms.

After a brief historical survey of the development of the drama in English literature the technique, art, and content of the Elizabethan drama will be studied, with special emphasis on Shakespeare. Prerequisite, English IX.

#### XIII. Modern Realistic Fiction. T. Th. Three Terms.

This course will consist of lectures, discussions, and

extensive readings of representative works of Austin, Scott, Dickens, Thackeray, Eliot, Meredith, Hardy, and others. Prerequisite, English IX. Not given 1913-14.

**VIV. Chaucer, Spenser and Milton. T. Th. Three Terms.**

Three things will be attempted in the study of each poet: a definite first-hand acquaintance with the author, his age, and his poetry. Prerequisite, English IX. Not given 1913-14.

**XV.—The Prose Essay.**

**T. Th. Three Terms.**

The study of the special essays of DeQuincey, Carlyle, Emerson, Newman, Arnold and Ruskin. A closer acquaintance with modern literature as an expression of life problems and ideals is the chief aim of these studies. Prerequisite, English IX. Not given 1913-14.

**XVI. American Literature.**

**M.—F. Summer Term.**

The development of literature in America, with readings from representative authors, especially Emerson, Hawthorne, Bryant, Whittier, Longfellow, Lowell, Holmes, and Poe.

## GERMAN

Professor Gerig.

**I. German.**

**M.—Th. Three Terms.**

The first term is devoted to acquiring good pronunciation, to gaining facility in the use of German script, and to mastering the forms of inflection and common principles of sentence construction. Written exercises in translation and drill in the forms of inflection are daily requirements. In the second term the grammar is completed. Translation of German selections of prose is then begun. Grammatical study accompanies the work throughout the

year. The memorizing of several poems and practice in conversation are requirements of the course.

## II. German.

T.—F. Three Terms.

The work of the second year consists in a review of grammar topics, some exercises in composition and conversation, the study of at least two standard dramas, and the perusal of a number of prose selections. A few choice lyrics are also memorized during the year.

## III. Reading Course.

M. W. F. Three Terms.

The first term is devoted to the rapid reading of some production of prose literature. Attention will be given to conversation and some drill in discussion in the original will be attempted. The second and third terms are devoted to drama. A theme on a subject assigned by the instructor will be required each term.

## IV. Composition.

T. Th. Three Terms.

The work in this course consists of translation of English exercises in German, paraphrases of stories, epistolary writings and original compositions.

## V. Schiller and Goethe.

M. W. F. Three Terms.

The year's work will be devoted to the study of works taken from Schiller and Goethe. Several works will be assigned for collateral reading and reports on them are required. A paper on some specially assigned subject is also a part of each term's work.

## VI. Lyrics and Ballads.

T. Th. Three Terms.

The study of the choicest lyrics and ballads of the foremost German poets and the memorizing of a few of the shorter ones together with short biographical sketches make up this course. Prerequisite, German III.

**VII. Nineteenth Century Literature.****M. W. F. Three Terms.**

The first half of the year is given to the study of the writings of the Romantic School. The selections for the last half are taken from the production of late authors, Reports on assigned topics are required each term. Pre-requisite, German III. Not given 1913-14.

**VIII. History of German Literature. T. Th. Three Terms.**

A study of the History of German literature and the forces that have been instrumental in its development. This course is given in English and is open to any student of the College Department. The course combines the recitation and lecture methods.

**IX. Scientific German.****T. Th. Three Terms.**

This course offers an opportunity to become familiar with the vocabulary and idioms peculiar to chemistry, physics, political economy, geology and the technical industries.

## GREEK AND LATIN

**Professor Zook.****GREEK.****I. Greek.****M.—F. Three Terms.**

The first two terms are devoted to elementary lessons in Greek, supplemented by a number of short stories, which give the student an opportunity of applying his knowledge of Greek forms and syntax, and affords a much needed preparation for Xenophon's *Anabasis*, which is begun in the third term. Practice in reading at sight and comparison of Greek and English idioms receive careful attention.

**II. Greek.****M.—F. Three Terms.**

The first of the year will be given to exercises in writing Greek prose and reading three books of the *Anabasis*. Grammatical forms and rules of syntax will be reviewed. Attention will be given to sight reading and principal part of irregular verbs. In the third term three books of Homer's *Iliad* will be read, the literary merits of Homeric dialect carefully noted and especial attention given to the heroic hexameter.

**III. Greek.****M.—F. Three Terms.**

a. Herodotus. Selections of Herodotus which treat of the conflict in Persia, being complete in themselves and presenting the highest quality of the historian will be studied the first term.

b. Xenophon's *Memorabilia* for the second term followed by

c. Plato "Apology and Crito" with a careful study of the philosophy and style of Plato the third term.

The above selections will be used as the basis of the year's work. Some time will be given to outside reading on the life and customs of the Greeks, while the forms, structure and idioms of the language will receive special attention. An attempt will be made to secure a good working vocabulary and the ability to read ordinary Greek at sight. Not given in 1913-14.

**IV. Greek.****M. W. F. Three Terms.**

a. Thucydides. Books II, III covering the first period of the Peloponnesian War in which is shown the conflict of race pride.

b. Plato—Gorgias or some other work of Plato.

c. Homer—Odyssey. Book IV.



Greek IV is chiefly a reading course.

**V. Greek.**

**M. W. F. Three Terms.**

The object of this course is to develop an appreciation of Greek literature as exemplified in the oration and drama.

- a. Demosthenes—"On the Crown."
- b. Euripides—"Iphigenia in Taurus."
- c. Sophocles—"Oedipus Tyrannus" or "Antigone."  
Not given 1913-14.

**VI. Greek and Latin Civilization in English.**

**T. Th. Three Terms.**

The object of this course is to give a brief survey of the classical culture and civilization and their influence upon succeeding generations. It is intended for those who have no knowledge of the classical language as well as for the regular classical student. Then general conditions, religion, society, language, literature and art of the Greeks and Romans as well as their influence upon succeeding generations will be the principal subjects considered. The course will consist of assigned reading and class reports supplemented by illustrated lectures.

**LATIN.**

**V. Latin.**

**M. W. F. Three Terms.**

This year's work aims to give the student an appreciation of the life and spirit of the Romans. The inflection of nouns and verbs is carefully reviewed. Special attention is given to word analysis and syntax. In the first year Cicero's *De Senectute* and *De Laelio* will be read; second term Cicero's *Tusculan Disputations*; third term, Livy, Book V.

**VI. Poetry of Horace.****T. Th. Three Terms.**

Odes and Epodes, Selections from Satires and Epistles. Not given 1913-14.

**VII. Latin.****M. W. F. Three Terms.**

The basis of this year's work will be the plays of Plautus and Terence. Not given 1913-14.

**VIII. Literary Study of the Aeneid.****T. Th. Three Terms.**

With special reference to preparation of teachers.

## **HISTORY AND SOCIAL SCIENCES**

**Professor Smith.**

### **HISTORY.**

**IV. American.****M.—F. Three Terms.**

a. The Colonial period to 1750. Thwaites, The Colonies is used as a text. Collateral reading is required and special topics assigned.

b. The formation of the Union. 1750-1830. Hart's Formation of the Union serves as a text for the course. Collateral reading as above.

c. Division and Reunion. The Civil War and Reconstruction. Wilson's volume in the Epoch Series as a text.

**V. Medieval Europe.****M.—F. Fall Term.**

This course deals with the religious, social and political life and institutions of the middle age. Collateral reading and special reports and term papers are required.

**VI. Modern Europe.****M.—F. Winter Term.**

The work in this course is based on Schwill's Political History of Modern Europe and Matthew's French Revolution. From 1494 to 1815. Method of work same as above.

**VII. Nineteenth Century Europe. M.—F. Spring Term.**

1815 to the present. A study of the problems of the reorganization of Europe after 1815, the rise of Democracy, the Eastern question and other important questions of the century. Hazen, Robinson, Seignobos, Fyffe and other books serve as a basis for the work.

**VIII. English.****M.—F. Fall and Winter Terms.**

a. From the beginning to the Revolution of 1688. Largely institutional and constitutional. Terry's text is used, with Gardiner, Taswell-Langmead and other books as collateral reading. Not given 1913-14.

b. From the Revolution of 1688 to the Congress of Vienna 1815. Text and methods same as above. Not given 1913-14.

**IX. History of Political Theory. T. Th. Three Terms.**

a. The development of political thought and the theories of various political philosophers from Plato to the Reformation will be studied. Text, lectures and special reports.

b. From the Reformation to the present. A continuation of the preceding course.

**POLITICAL SCIENCE.****XI. Actual Government of America. M.—F. Fall Term.**

The work in this course will consist of a study of

the machinery of government and some of the practical problems before the country. Beard's American Government and Politics is used as a text. Bryce, Ostrogorski and other writers are consulted by the student. Not given 1913-14.

**XII. Comparative Government. M.—F. Winter Term.**

A study of the constitution and government of a number of the leading countries of Europe. Not given 1913-14.

**XIII. International Law. M.—F. Spring Term.**

A study of the practices of nations in war and peace with special reference to the obligations of neutrality and the development of arbitration as a method of settling international disputes. Hershey is used as a text. Scott's Cases, More's Digest and the Revised Statutes furnish reference reading. Not given 1913-14.

**ECONOMICS AND SOCIOLOGY.**

**XIV. Elements of Economics. M.—F. Fall Term.**

This course covers the general field of the subject dealing with such general questions as production, consumption, distribution and exchange of wealth, with special emphasis also upon one of the practical economic questions of the day, such as the relation of labor to capital, banking, tariff, co-operation, trusts, etc. A text is used with collateral reading in such works as Ely, Hadley, Seager, Walker, Marshall, Taussig, etc.

**XV. Problems of American Agriculture.**

**M.—F. Winter Term.**

This course will cover the systems of farm ownership and management, the influence of science and invention in agriculture, the effects of growing population, irrigation, new lands, transportation and foreign competition upon agricultural prosperity.

**XVI. Sociology.****M.—F. Spring Term.**

A general course covering the elements of the subject, with special reference to some of the practical applications. The class work is based on Gidding's Elements of Sociology together with wide collateral reading.

**MATHEMATICS and ASTRONOMY****Professor Lehman.****IV. Algebra.****M.—F. Fall Term.**

This course presupposes a thorough course in Elementary Algebra equivalent to the work outlined in Stone and Millis's Algebra, Complete Course. Special attention is given to the theory of exponents, radicals, quadratic and higher equations, variables and limits, complex numbers, determinants, and theory of equations. Required course.

**V. Trigonometry.****M.—F. Winter Term.**

In this course are studied the elements of Trigonometry and surveying. It includes computing heights and distances of inaccessible objects, solving triangles, developing formulae, verifying identities, solving equations, and checking results numerically and graphically. Required course.

**VI. Analytic Geometry.****M.—F. Spring Term.**

A thorough discussion of loci and their equations, including the straight line, circle, parabola, ellipse, hyperbola and the elements of geometry of space. A large number of problems are solved.

Some of the following courses will be given if there is a demand for them.



**VII. Higher Algebra.****M.—F. Winter Term.**

Irrational and Complex Numbers, Doctrine of Exponents, Equivalence of Equations, Probabilities, Infinite Series, Partial and continued Fractions, and Theory of Equations and Graphs.

**VIII. Advanced Analytic Geometry.****M.—F. Spring Term.**

A review and continuation of the work of course VI. It includes higher plane curves and solid Analytic Geometry.

**IX. Calculus.****M. W. F. Three Terms.**

This course includes most of the topics, and a liberal selection of problems, from Granville's Differential and Integral Calculus. Prerequisite IV, V, VI.

**X. Advanced Calculus.****T. Th. Three Terms.**

This is a continuation of course IX. It includes such topics from Osgood's Calculus, as the theory of definite integrals, and their application to the finding of areas, volumes, centers of gravity and moments of inertia; partial differentiation with applications to the geometry of space; and double and triple integrals.

**XI. Differential Equations.****M. W. F. Three Terms.**

Murray's and Johnson's texts will be used.

**XII. Theory of Equations****M. W. F. Winter and Spring Terms.**

In subject matter this course naturally follows IV. It includes the leading topics in Burnside and Panton's Theory of Equations.

**XIII. Descriptive Astronomy. M.—F. Fall Term.**

The work begins with observation of the planets, the moon, the constellations, and other phenomena. The equatorial telescope is studied and used. Text books, charts and journals are consulted.

**XIV. General Astronomy. M. W. F. Winter and Spring Terms.**

This involves a more exact and thorough study of the science of astronomy than does XIII. No mathematics beyond Trigonometry and Analytics (VI) are required.

## **PHILOSOPHY and EDUCATION**

**President Byers.**

### **PHILOSOPHY.**

**I. Introduction to Philosophy. T. Th. Fall Term.**

A general survey of the field and problems of philosophy. The ultimate nature of mind and its relation to the body, the problems of knowledge and being and the classification of the chief schools of thought are discussed. Not given 1913-14.

**II. Logic. M. W. F. Fall Term.**

A study of deductive and inductive reasoning and a brief discussion of the nature of thought. Much exercise is given in the solution of logical questions, the examination of argument and the detection of fallacies. Not given 1913-14.

**III. Ethics. M.—F. Winter Term.**

The first part of this course is devoted to a brief

study of the history of ethics and this is followed by a formulation of a theory of the moral life and its application to modern social and economic problems.

#### IV. Aesthetics.

M.—F. Spring Term.

A study of the nature and elements of our aesthetic judgment. The method is psychological in that the facts of feeling with reference to our standards, judgments, and expression of the beautiful are studied. Not given 1913-14.

#### V. History of Philosophy. M.—F. Fall and Winter Terms.

After a brief introduction of the problems of philosophy, this course will include a study of the development of constructive thought from the beginning of the Grecian philosophy to the present time. At the close of the course a brief summary will be given of the present philosophic positions. The text books will be supplemented by extensive readings of the works of the most important philosophers.

#### VI. Philosophy of Religion.

M.—F. Spring Term.

This is a study of the fundamental principles of religion as related to philosophy and science and seeks to aid the student in acquiring freedom in critical thinking, and in gaining a unified view of the world in which religious truth and life find their proper place.

#### VII. Introductory Psychology.

After a brief survey of the general field of the subject, the course devotes itself entirely to normal human psychology. Special attention is given to the genetic and functional phases of mind. The study and discussion of the text is supplemented by introspective observation, experiments before the class, collateral reading from other authors and lectures by the instructor.

**VIII. Child Psychology.****M.—F. Winter Term.**

After having had the term's work in introspective psychology the student is ready to interpret the child mind as a preparation for the teaching of children in the grades. Special attention is given to the study of the instincts and the means by which they may be developed into useful reactions or serve as a starting point for mental development. Collateral reading is assigned on such subjects as the contents of the child's mind at the school age, and physical needs of children.

**IX. Educational Psychology.****M.—F. Spring Term.**

A study of the psychological basis of the educative process. Special attention is given to such topics as interest, attention, appreciation, association, memory, habits, and discipline, considered with special reference to the work of teachers.

**EDUCATION.****X. History of Education.****M.—F. Fall Term.**

This course includes the study of standards of culture and ideals of life that have controlled the oriental, classical and Christian people and the systems of education that have been developed as expressions of these ideals. Special attention will be given to the historical development of modern theories and practices. In addition to the reading of a series of texts, each student will prepare and read before the class one thesis based on the reading of primary sources.

**XI. Science of Education.****M.—F. Winter Term.**

The aim of this course is to consider the meaning and processes of the rationalized endeavor by which various factors cooperate in developing the powers of the child so as to give the highest individual and social efficiency. The work will consist of lectures, the discussion

of prescribed reading from the various works of Boone, Spencer, Butler, Eliot, Horne, Tompkins, Dewey, Hanus and Bagley.

## **XII. School Management.**

**M.—F. Spring Term.**

A comparative study is made of state, county, and city school systems with reference to the organization and courses of study; the qualification of officers of administration and instruction are considered and the means and methods of instruction and discipline are presented. The work will consist of lectures, the study of school laws and documents, school visiting and the preparation of theses on prescribed readings.

# **PHYSICAL SCIENCES**

**Professor Kurtz.**

## **CHEMISTRY.**

### **II. General Chemistry.**

**M. W. F. Three Terms.**

This course presupposes a knowledge of elementary Physics and aims to give the student a comprehensive view of the fundamental principles of Chemistry, both as a general culture subject, and as a foundation for more advanced chemical work. The work of the three terms includes (a) a study of several typical elements and such subjects as The Kinetic-Molecular Hypothesis, Solutions, Molecular Weights, Atomic Weights and the Atomic Hypothesis, (b) The Non-Metals, and the subjects of Ionization and the Periodic Law, (c) The Metals, and the theory of Precipitation.

### **III. Qualitative Analysis.**

**M.—F. First Half Year.**

The most common occurring elements are studied in their qualitative relations, including a systematic course of analysis for the same. Prerequisite, General Chemistry.



**IV. Organic Chemistry. M.—F. Last Half Year.**

A systematic study of the simpler compounds of Carbon. Prerequisite, General Chemistry.

**V. Quantitative Analysis. M. W. F. Three Terms.**

A careful study of the principles of gravimetric and volumetric analysis as applied to the separation and determination of the common bases and acids found in salts, minerals, etc. Prerequisite, General Chemistry.

**PHYSICS.****VI. General Physics. T. Th. Three Terms.**

This course is intended to acquaint the students with the elementary facts and general principles of physical science. The course in Experimental Physics forms an integral part of, and should accompany the course in General Physics. Prerequisite, Trigonometry.

**VII. Experimental Physics. Three Terms.**

Laboratory work arranged to accompany the course in General Physics. The class meets five hours a week and the work counts for two credits. Hours to be arranged.

**EARTH SCIENCE.****VIII. Geology. M.—F. Fall Term.**

This course will be a brief and general survey of the whole general field of Geology. The purpose of the work is to become acquainted with the general facts concerning the formation, structure and history of the earth. The geological processes, Diastrophism, Vulcanism, and Graduation are carefully considered, preparatory to the study of Historical Geology.

**IX. Soils.****M.—F. Winter Term.**

A study will be made of the origin and composition of soils as an essential factor in scientific agriculture. Careful attention will be given to the constituents of the soil necessary for plant food as well as the best methods for increasing its fertility. Prerequisite, General Chemistry.

**X. Geography.****M.—F. Spring Term.**

After a physiographic study of the earth, the development and resources of the leading countries and nations of the world are taken up with special emphasis upon the United States. An effort will be made to trace the influence of soil, climate, and other physical conditions as determining factors in the resources of different regions, and the resulting development of trade and important commercial centers. The Conservation of Resources will receive careful attention.

## MUSIC

**\*Professor Brunk, (Mr. Ebersole.)**

**I. Harmony.****M. W. Th. Spring Term.**

This beginning class in Harmony will study chord formation, notation, resolution and general tonality. Voice leading and melodic partwriting are features from the very start. The major and the minor modes are studied together throughout the entire course. Harmony is the grammar of music and is very helpful to an intelligent appreciation of music.

**II. Harmony.****M. W. Th. Three Terms.**

The work in this course is a continuation of the first

\* Absent on leave.

term's work and the study of new chords and progressions. In the second term more advanced melody writing is begun and chords and other small-form pieces are composed. The work is thus made very practical.

### **III. Harmony and Composition. M. W. Three Terms.**

More new chords are learned. Modulations, Suspensions, Embellishments, etc., are the further subject matter. Harmonic analysis and more advanced composition require a large part of the time toward the close of this course. Not given 1913-14.

### **IV. History of Music. T. W. F. Fall and Winter Terms.**

We begin with the music of very early times, studying the cause and effect of early conditions. In the second term, the Classical and Romantic periods, and the biographies and the works from the masters form the greater part of the study. The term is brought to a close with a review of American music and musicians.

# ACADEMY

**Daniel A. Lehman, Principal.**

The work in the Academy covers four years and is outlined especially for those who contemplate the completion of a college course.

Within prescribed limitations the student elects courses with the advice of the Principal. These courses form four years of systematic instruction suited to his peculiar needs. The completion of this work will prepare the student for entrance to the best colleges and professional schools, or give a limited education for general culture to those who find it impossible to get a college education.

## ENTRANCE REQUIREMENTS.

Students who present certificates showing that they have completed the work of the eighth grade of common school studies and those holding teachers' certificates will be admitted without examination. Those who are not sufficiently advanced to take the regular courses in the Academy will be required to take preparatory work in the common branches.

Classes in the common branches will be organized each term for those not prepared to take the regular courses.

## REQUIREMENTS FOR ACADEMY DIPLOMA.

In the Academy all courses have four hours of recitation each week. Four such courses is the regular work of each student. One of these courses taken throughout the year of three terms of nine months is the unit of credit.

For graduation sixteen units are required of which the following are prescribed.

English .....	3 units
Mathematics .....	2 units
Foreign Language .....	2 units
Ancient History .....	1 unit
Science .....	1 unit

Electives:

Additional units chosen from above group	2 units
Electives .....	5 units

Total for Graduation .....16 units

The five electives may be selected from any of the subjects in the Academy and within certain limitations from the other schools of the college.

## CURRICULUM.

### GENERAL.

#### FIRST YEAR

FIRST TERM	SECOND TERM	THIRD TERM
Latin I .....	Latin I .....	Latin I .....
Algebra I .....	Algebra I .....	Algebra I .....
Botany I .....	Botany I .....	Botany I .....
English I .....	English I .....	English I .....

#### SECOND YEAR

Latin II .....	Latin II .....	Latin II .....
Ancient History I .....	Ancient History I .....	Ancient History I .....
Plane Geometry II .....	Plane Geometry II .....	Plane Geometry II .....
English II .....	English II .....	English II .....

#### THIRD YEAR

Latin III .....	Latin III .....	Latin III .....
Greek I, or	Greek I, or	Greek I, or
German I .....	German I .....	German I .....
Zoology II .....	Zoology II .....	Zoology II .....
Solid Geometry IIIa .....	Algebra IIIb .....	Algebra IIIc .....

#### FOURTH YEAR

Latin IV, or	Latin IV, or	Latin IV, or
U. S. History .....	U. S. History .....	Civics .....
Greek II, or	Greek II, or	Greek II, or
German II .....	German II .....	German II .....
Physics I .....	Physics I .....	Physics I .....
English III .....	English III .....	English III .....



**BIBLICAL.****FIRST YEAR**

FIRST TERM	SECOND TERM	THIRD TERM
Latin I.....	Latin I.....	Latin I.....
Algebra I.....	Algebra I.....	Algebra I.....
English I.....	English I.....	English I.....
Mark .....	Acts .....	Epistles.....

**SECOND YEAR**

Latin II.....	Latin II.....	Latin II.....
Plane Geometry II....	Plane Geometry II....	Plane Geometry II....
Ancient History.....	Ancient History.....	Ancient History.....
O. T. History. ....	O. T. History.....	N. T. History.....

**THIRD YEAR**

Greek I.....	Greek I.....	Greek I.....
Zoology II <i>or</i> .....	Zoology II <i>or</i> .....	Zoology II <i>or</i> .....
Botany I.....	Botany I.....	Botany I.....
English II.....	English II.....	English II.....
Epistles .....	Epistles.....	Epistles.....

**FOURTH YEAR**

Greek II.....	Greek II.....	Greek II.....
Physics I.....	Physics I.....	Physics I.....
English III.....	English III.....	English III.....
Matthew.....	Luke.....	Romans.....

**PROGRAM OF COURSES****ENGLISH.****I. English.****M.—Th. Three Terms.**

a. First term. Enoch Arden, Sohrab and Rustum, The Rime of the Ancient Mariner, The Lady of the Lake.

Second Term. Selections from Hawthorne, Sir Roger DeCoverly Papers, and Silas Marner.

Third Term. Selections from Irving. The Last of the Mohicans, and Ivanhoe.

b. Composition and Rhetoric, two hours each week, throughout the year.

**II. English.****M.—Th. Three Terms.**

a. First Term. Selections from Longfellow, Whittier, Lowell, and Bryant.

Second Term. The Merchant of Venice, As You Like It, Julius Caesar.

Third Term. Selections from Tennyson, Wordsworth, and Chaucer.

b. Composition and Rhetoric, two hours each week, throughout the year.

### III. English.

M.—Th. Three Terms.

First Term. Selections from Burns, Carlyle's Essay on Burns, selections from Browning, Macbeth.

Second Term. Milton's Minor Poems, Two Books of Paradise Lost, Macaulay's Essays on Milton and Addison.

Third Term. Emerson's Nature Essays, Carlyle's Heroes and Hero Worship. Not given 1913-14.

### IV. English.

M.—Th. Three Terms.

First Term. Washington's Farewell Address, Webster's First Bunker Hill Oration, Burke's Speech on Conciliation with America.

Second Term. Selections from the Odyssey, The House of Seven Gables, A Tale of Two Cities.

Third Term. American Literature—its history, and selections from the chief American Poets.

### V. Voice Culture and Elocution. T. Th. Each Term.

Training for breathing, diaphragmatic action, physical culture, voice building, voice quality, force, stress, pitch, rate of delivery, inflection, emphasis and accent.

Theory of speech, gesture expressing thought, will and emotion, clear enunciation, correct pronunciation, sympathetic grasp of the content and impressive rendering. The aim is to produce natural readers, not artificial ones.

Special arrangements can be made for private lessons in Elocution.

## GERMAN.

### I. German.

T.—F. Three Terms.

A special class will be organized for the first year German in the Academy provided there are enough students to justify doing so.

Students who have had two years of Latin may at the option of the Professor enter the College German I and II courses, which are given each year.

## HISTORY.

### I. Ancient History.

M. T. Th. F. Three Terms.

a. **History of Greece.** Given in the fall and during the first half of the winter term. The aim of this course is to give a special survey of Grecian civilization up to the fall of the Seleucid Empire. Some attention is paid to art, architecture and mythology of the period.

b. **History of Rome.** Given the last half of the winter and spring term. Special attention is paid in this course to those features of Roman History which were influential in determining the trend of medieval and modern civilization.

### II. United States.

M.—Th. Fall and Winter Term.

The entire field will be covered. Special attention is given to the social aspect of our history. Little attention to military details. Hart's Essentials of American History serves as a text. Outside reading. Not given 1913-14.

### III. Civics.

M.—Th. Spring Term.

This is an elementary course in the study of the

machinery of government and obligations and privileges of citizenship. Not given 1913-14.

## LATIN.

### I. Latin

M.—Th. Three Terms.

It is of great importance that the first year of Latin should lay a good foundation for the work of the following years. Careful attention is given to the mastery of inflections and the most important rules of syntax. The student is trained from the beginning to translate into good Latin, easy exercises which are dictated by the instructor. An attempt is made to train the beginner to grasp the meaning of the Latin before translating, and then to render into idiomatic English. The spring term is devoted to easy readings.

### II. Latin.

T.—F. Three Terms.

During this year Latin grammar is carefully reviewed. Special attention is given to written prose exercises which enables the student to put into practice the forms and rules of grammar. In the first part of the year some easy Latin will be read. This will be followed by five books of Caesar.

### III. Latin.

M. W. Th. F. Three Terms.

This year's work will begin with the study of the four orations against Catiline. These will be followed with several weeks in Latin prose composition. Then two more of Cicero's orations will be read. The third term will be given to Sallust's Catiline. During the year's work an attempt will be made to gain a knowledge of Roman life and customs. Some sight reading will be done in connection with assigned work. In composition work Bennett's text will be used.

**IV. Latin.****M. T. Th. F. Three Terms.**

The fourth year will be given to the study of Latin poetry. In the first and second terms four books of Virgil will be read. Careful attention will be given to the literary merits of this great poem and comparisons will be made between it and other great world epics. The third term will be devoted to the study of Ovid's *Metamorphoses*.

**MATHEMATICS.****I. Elementary Algebra.****T.—F. Three Terms.**

This course passes by easy steps from problems in Arithmetic to the system of Buchstaben-Rechnung called Algebra. It includes the subjects of quadratic equations and the elements of proportion, variation, and logarithms. Many of the processes of elementary science are treated. The initial letter of a word is often used to stand for a number. Most of the time is spent in the fundamental processes, factoring, the statement of problems, and the solving of equations.

**II. Plane Geometry.****M. T. W. F. Three Terms.**

The course begins with the organization of the student's past knowledge of form and with simple construction. Interest is aroused by the use of historical notes on the life and work of Euclid and other great mathematicians. Many original exercises, some of the elements of Trigonometry and application in the mechanical arts are given. Clearness of thinking is followed by accuracy of statement and logical reasoning.

**IIIa. Solid Geometry.****M. Th. Three Terms.**

The methods pursued in plane geometry are continued and special attention is given to the solution of problems and the demonstration of propositions without the aid of a text.



**IIIb. Advanced Academy Algebra. T. F. Three Terms.**

The subjects of Elementary Algebra are reviewed. Then are studied Inequalities, Proportion and Variation, Permutations and Combinations, the Binomial Theorem, Progressions and Undetermined Coefficients. Throughout the course special attention is given to associating and unifying the principles and showing the meaning of the processes.

IIIa and IIIb may be used for Academy or for College credit.

**SCIENCE.****I. Botany.****M. T. Th. F. Three Terms.**

This course is devoted to the study of common plants. The work will begin with seed germination and includes the study of the development of morphology of the seedling, plant structure, fertilization; methods of propagation will be given much attention. Plant adaptation, their enemies and method of protection will be studied. During the spring term much time will be given to classification. A standard text will be used and assigned reading required.

**II. Zoology.****M.—Th. Three Terms.**

The work in this course consists of laboratory exercises, class discussions and field work. Work will begin with easy forms in order to enable students to become familiar with laboratory methods. The simpler forms of invertebrates will be studied during the fall term. During the winter and spring terms, types of vertebrates and insects will be dissected. A standard high school text will be used and collateral reading required from other books .

**I. Physics.****M.—Th. Three Terms.**

This is a general course extending over the entire

subject. Its object is to give the student a thorough knowledge of the simpler experimental facts of physics. It treats the general properties of matter, mechanics, sound, light, heat, magnetism and electricity. The work of the class room and laboratory supplement each other and are considered of equal importance. Each student is required to keep a complete and accurate record of the experiment performed. Text books: Millikan and Gale's First Course in Physics and Laboratory manual.

## MUSIC.

### I. Vocal Music.

M.—F. Three Terms.

This is a practice course including instructions in rudimentary principles and in reading and singing music in two, three, and four parts. The examination at the end of this course will admit into the chorus. Time required, three terms. This class is free to students from any course. Class each day one-half interval. Special promotion may be applied for during the first or second terms.

### II. College Chorus.

M.—F. Three Terms.

This course will be under the personal supervision of the Director and as rapid progress will be made as the ability of the singers will allow.

The work will be a drill in reading advanced music. Systematic practice will be conducted in intermediate tones and minor mode. Contrapuntal exercises and difficult chord work will be taken up. Oratorios and Cantatas will be studied.

### III. Introductory Knowledge.

M. W. Th. Fall Term.

This is the first work in the theory of music and embraces a thorough study of notation, scales, keys, signatures, intervals, dynamic signs, tempo marks, etc.

**BUSINESS.****I. Commercial Arithmetic.****M.—F. Fall and Winter Terms.**

This course makes no attempt to teach the theoretical side of arithmetic. Only the practical problems of the work in business life are used. Short methods of computation are employed and a systematic plan is followed in order to develop speed and accuracy.

**II. Commercial Law.****M.—F. Winter Term.**

This course does not aim to prepare the student for the legal profession, but to give him a knowledge of law to pursue his business with confidence and safety.

**III. Bookkeeping.****M.—F. Three Terms.**

This course continues throughout the year and takes up the principles of Bookkeeping and Accounting. Many business men are handicapped because they do not have a systematic method of keeping records. H. M. Rowe's new text on Bookkeeping and Accountancy is used. From the very first the student is made familiar with transactions as they occur in actual business. At first the more simple ones are employed, while later the student is gradually led to use those that are more difficult.

**IV. Shorthand.****M.—F. Three Terms.**

In this course the student receives a thorough training in Gregg Shorthand. He becomes acquainted not only with commercial correspondence and business forms but by a great deal of outside reading of well written articles he is able to apply his shorthand to any line of work. The completion of the course entitles the student to one unit academic credit.

**BIBLE.**

For description of the Bible courses offered as electives, see Bible School, page 64.

# NORMAL SCHOOL

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NOAH E. BYERS, President .....	Psychology, Education
PAUL E. WHITMER .....	English
EPHRAIM J. ZOOK .....	Latin
C. HENRY SMITH .....	History
DANIEL A. LEHMAN .....	Mathematics
JONATHAN M. KURTZ .....	Natural Science
AMOS S. EBERSOLE .....	Music
ORIE MILLER .....	Penmanship

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The Normal School is a department of Goshen College, distinct and separate from a number of other departments, such as College, Academy and so forth.

The purpose of the Normal School is to prepare teachers both theoretically and practically for teaching in all grades of public schools. The qualifications of the teacher are a thorough knowledge of the subject matter to be taught, a comprehension of the nature of the individual to be educated, and skill in drawing out the powers of the learner's mind by bringing it into unity with the subject matter taught. The teacher should also have the knowledge of the methods of organizing and managing schools and the history of education in so far as it bears upon the work of the public schools of the present day.

## THE INDIANA STATE TEACHERS' TRAINING BOARD

Having found Goshen College fully equipped for preparing teachers, has placed it on the "ACCREDITED" list of schools doing such work, for Classes "A" and "B".

### COURSE FOR "CLASS A."

(Twelve Weeks.)

Any one of the following subjects. Educational Psychology, Regular Observation, Methods, History of Education, Child Study.

One course may be taken in the common branches.

One course in any advanced subject.

Vocal Music or Penmanship, may be taken in addition.

### COURSE FOR "CLASS B."

Same regulations as in "Class A" with no duplication of work.

### ONE YEAR COURSE.

FIRST TERM	SECOND TERM	THIRD TERM
Psychology.....	Psychology.....	Psychology.....
History of Education.....	Science of Education. ...	School Management...
U. S.	Grammar or U. S.	Geography or.....
History .....	History .....	Arithmetic.....
Penmanship.....	Music.....	

The above course includes all the work required for teachers in "A" and "B" classes, and in addition thorough courses in the subjects to be taught in the common schools, and in which the teacher is examined for his license. All high school graduates should complete this year's work before beginning to teach.

**TWO YEAR DIPLOMA COURSE.**

**FIRST YEAR.**

FIRST TERM	SECOND TERM	THIRD TERM
Psychology.....	Psychology.....	Psychology.....
Algebra.....	Grammar.....	Arithmetic.....
English Literature .....	English Literature .....	English Literature .....
Penmanship.....	Music.....	Music.....

**SECOND YEAR.**

History of Education.....	Science of Education.....	School Supervision.....
U. S. History.....	U. S. History.....	U. S. History.....
Geology.....	Soils.....	Geography.....
English Composition.....	English Composition.....	English Composition.....

Students completing this course will receive the "B" class certificate and will be enabled to complete the course for "C" class in one year, at the State Normal School.

## PROGRAM OF COURSES

### I. Educational Psychology.

**M.—F. Fall Term.**

This term's work is devoted to the general principles of introspective psychology and their application to education. After a general survey of the subject matter, methods and division of the subject, the student is led to make an introspective analysis of his states of consciousness. The nature of intellect, emotion and will is studied and methods of their cultivation are discussed. Special attention is given to the learning process and character development.

### II. Educational Psychology.

**M.—F. Winter Term.**

After having had the term's work in introspective psychology, the student is ready to interpret the child mind as a preparation for the teaching of children in the



grades. Special attention is given to the study of the instincts and the means by which they may be developed into useful reaction or serve as a starting point for mental development. Collateral reading is assigned on such subjects as the content of the child mind at school age, and the physical needs of children.

### **III. Educational Psychology.**

**M.—F. Spring Term.**

During the third term a more intensive course on the educative processes will be given. Special attention will be given to such topics as Temperament, Imitation, Interest, Effort, Attention, Apperception, Memory, Reason, and Habit. The text will be supplemented by the reading of books, journals and monographs on the special topics.

### **IV. History of Education.**

**M.—F. Fall Term.**

This course includes the study of standards of culture and ideals of life that have controlled oriental, classical and Christian people and the systems of education that have been developed as expressions of these ideals. Special attention will be given to the historical development of modern theories and practices. In addition to the reading of a series of texts each student will prepare and read before the class a thesis based on the reading of primary sources.

### **V. Science of Education.**

**M.—F. Winter Term.**

The aim of the course is to consider the meaning and processes of the rationalized endeavor by which various factors co-operate in developing the powers of the child so as to give the highest individual and social efficiency. The work will consist of lectures, the discussion of prescribed reading from the works of Boone, Spencer, Butler, Horne, Tompkins, Dewey, Bagley, and Hanus, and the reading of theses prepared by the students.

**VI. School Management.**

**M.—F. Spring Term.**

A comparative study is made of state, county and city school systems with reference to their organization and courses of study; the qualification of officers of administration and discipline are presented. The work will consist of lectures, the study of school laws and documents, school visitation and preparation of theses based on prescribed reading.

**VII. Methods and Observation.**

**M.—F. Summer Term.**

This course presents the elementary theory and practice needed by the beginner. Special attention is given to the method of recitation, course of study, school organization and discipline. One-half of the time is given to discussion of theory and the other to observation of expert teaching that illustrates the principles presented. The observation is carefully directed and interpreted.

**VIII. Normal Grammar.**

**M.—F. Winter Term.**

The aim of this course is two-fold: (1) a critical study of the essentials of English grammar, especially the sentence and parts of speech with emphasis on the relation of words and their correct combination in sentences and (2) a discussion of various methods of teaching the English language and particularly formal grammar, in the grades.

**IX. Normal Arithmetic.**

**M.—F. Spring Term.**

The aim of this course is to give facility and accuracy in solving practical problems, to explain and simplify the principles underlying the subjects, and to give suggestions and training in teaching. Exercises from various books and examinations are worked; blocks, coins, weights and measures, and drawings are used in illustrating and field excursions are made for practice. While the subject matter is thoroughly treated, the methods of

teaching classes of children are emphasized by lectures on the use and abuse of definitions, what subjects are important, and the history of the development and teaching of Arithmetic.

**X. Geography.**

**M.—F. Spring Term.**

After a physiographic study of the earth, the development and resources of the leading countries and nations of the world are taken up with special emphasis upon the United States. An effort will be made to trace the influence of soil, climate, and other physical conditions as determining factors in the resources of different regions, and the resulting development of trade and important commercial centers. The Conservation of Resources will receive careful attention.

**XI. U. S. History.**

**M.—F. Three Terms.**

The work in history aims to unify and systematize the students' knowledge of the subject. Topics are chosen that are typical in their character which when grouped together will make a view of real movements and important phases in our history. The usual amount of time will be given to special instruction in methods of teaching.

**XII. Physiology.**

**M.—F. Winter Term.**

With a high school preparation the student is able to take an advanced course in Human Physiology. The didactic and laboratory methods are combined in such a way as to give the pupil a comprehensive and scientific knowledge of the structure of the human body and of the laws of health. Not given 1913-14.

**XIII. Vocal Music.**

**M.—F. Each Term.**

Instruction in music will serve to add to the general culture of the student and will prepare him to meet the

requirements in music that are demanded of the teacher in a number of states. The course includes the study of notations, scales, keys, signatures, intervals, dynamic signs, movements and so forth.

#### **XIV. Penmanship.**

**M.—F. Each Term.**

Directions are given for the proper position at the desk, the proper movement, so that the student may learn to write legibly, and rapidly without tiring. An unshaded simplified style is taught.

### **ACADEMIC COURSES.**

Full description of High School and College courses is given in the College and Academic Departments above.

### **SUMMER SCHOOL.**

Special attention is given to the training of teachers during the Summer Term. For information see Summer School.

# BIBLE SCHOOL

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NOAH E. BYERS, President .....	Philosophy
JOHN E. HARTZLER, Dean .....	Old Testament, Theology, Religious Education
IRVIN R. DETWEILER .....	New Testament, Missions
JONAS S. HARTZLER .....	Bible Geography
PAUL E. WHITMER .....	English
C. HENRY SMITH .....	History
AMOS EBERSOLE .....	Vocal Music

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Never before in the history of the church has there been such a deep interest in all branches of aggressive Christian work. The institutions and agencies that have been organized to carry forward the work, call loudly for the service of consecrated and equipped young men and women.

Since the Bible contains God's message to His people it must ever be a source of information and inspiration to all effective workers of the Church, the Young People's Meeting, the Sunday School, and the Mission Field. With a keen sense of this need and an earnest desire to help meet it, several courses in Bible Study have been outlined which, as experience shows, are helpful to the Christian worker. The courses vary in scope and method so that the need of practically every one may be served.

## REGULAR COURSE

This course covers two years and is open to those who have completed a four year Academy or High School course. In addition to the careful inductive and exegetical work in the English Bible, both Old and New Testament, several courses in the Greek New Testament and an introductory course in Old Testament Hebrew are given. All these with the work in Theology, Practics, Church History, Missions, and Vocal Music make a unified and well balanced system of courses, especially helpful to Missionaries, Church and Sunday School workers.

### CURRICULUM.

#### FIRST YEAR

FIRST TERM	SECOND TERM	THIRD TERM
New Testament I....2	New Testament I....2	New Testament I....2
New Testament III...2	New Testament III...2	New Testament III...2
New Testament IV...3	New Testament IV...3	New Testament IV...3
Old Testament Hist I.3	O. Testament Hist.I.3	Old Testament II....3
O. T. Theol. II.....2	O. T. Theol. II.....2	O. T. Theol. II. ....2
Homiletics .....2	Homiletics .....3	Pastoral Theol.....2
Church History .....2	Church History.....2	Church History.....2

#### SECOND YEAR

New Testament II....2	New Testament II....2	New Testament II....2
New Testament V....3	New Testament V....3	New Testament V....3
New Testament VI...2	New Testament VI...2	New Testament VI...2
N. T. Theol. VII.....2	N.T. Theol. VII.....2	N. T. Theol. VII.....2
Old Testament III....2	Old Testament III ...2	Old Testament III....2
Religious Education..2	Religious Education..2	Religious Education..2
Apologetics.....4	Theology.....4	Theology.....4

## PROGRAM OF COURSES

### OLD TESTAMENT.

- II. Old Testament Theology. T. Th. Three Terms.  
I. Hebrew Poetry. First Term.

This course will consist of a careful study of characteristic Hebrew poetry from Psalms and Ecclesiastes observing special theological aspects.



**2. The Dialog of Job.****Second Term.**

This course will be an extensive study of the book of Job. The student will be required to fully outline and systematically arrange the book.

**3. Biblical Theology.****Third Term.**

A general survey of the Old Testament will be given. The aim will be to give the student a working knowledge of the theology of the Old Testament with methods for collecting and utilizing the same.

**III. Old Testament.****M. W. Three Terms.****1. Prophecy.****Fall Term.**

This will be an advanced course in prophecy dealing largely with the origin, psychology and some special subjects of prophecy. Prophecy as a factor in human history; as a dominating factor in Israel's history; the prophetic state; inspiration; the Isaianic and Messianic problems shall receive special attention.

**2. Isaiah.****Winter Term.**

This is a special introduction to the Isaianic writings. The religious, social and political conditions surrounding the book of Isaiah will receive special attention. The student will be required to fully master the contents of the book and outline the same. Special papers will be required on select subjects. The aim of this course will be to master the great Isaianic and Messianic problems.

**3. Minor Prophets.****Spring Term.**

Several of the Minor Prophets will be taken up in much the same way with a similar purpose to that of Isaiah.

**NEW TESTAMENT.****Introduction.**

These courses aim to make the student familiar with the origin and development of our New Testament writings. In the study of the several books, each book is considered with respect to the historical setting, literary character, author, first readers, occasion, aim and social ethical and doctrinal teaching. The discussion and lectures in class are supplemented by assigned reading and written reports.

**I. Special Introduction.****T. Th. Three Terms.**

The Johannine Literature, the Gospels and Epistles and the Catholic Epistles are given this year.

a. A thorough inductive study is made of John. First the leading facts are noted, then the development of thought of the book is traced, followed by the investigation of minor details and their relation to the purpose of the book as a whole.

b. The Epistles of John are used to supplement the teachings of the Gospel. This necessitates a careful study and close comparison of John's Gospel and Epistles.

c. The other Catholic Epistles are studied by the same method and for the same purpose as the books above. Not given 1913-14.

**II. Special Introduction.****T. Th. Three Terms.**

The Synoptic Gospels, the Acts and the Pauline Epistles form the basis of this year's work.

a. The Gospel of Luke will be studied by the same method pursued in the Gospel of John.

b. A rapid preliminary survey is made of the Acts, for the purpose of showing the settings of the Epistles.

c. The same inductive and analytical method will be used in the study of a number of the Pauline Epistles. They will be taken up in the following order: Thessalonians, Galatians, Corinthians, Romans, Phillipians, Colossians, Ephesians, Philemon, and the Pastoral Epistles. The Epistles that are exegetically studied in other courses are given only in rapid survey while others are studied in detail.

### LANGUAGE..

#### III. Elementary New Testament Greek.

M. W. F. Three Terms.

For those who have had at least two years' training in language study, this course in beginning New Testament Greek is offered. An average class will be able to master the elements of the language and read one of the Gospels in a year.

#### IV. New Testament Greek.

M. W. F. Three Terms.

This is a reading course in Hellenistic Greek for those who have taken the course in elementary New Testament, Greek or one year in Classical Greek. The portions read are selected from the historical and epistolary writings of the New Testament and several historical selections from the Septuagint Greek version of the Old Testament. Grammatical study with special emphasis on syntax will be continued throughout the year.

### EXEGESIS.

#### V. The Gospels.

M. W. F. Three Terms.

In this and the following courses it is assumed that the student has enough knowledge of the Greek language to enable him to read the New Greek Testament with ease. This year's work is devoted to a grammatico-his-

historical exegesis of the Synoptic Gospels—Mark with supplementary passages from Matthew and Luke. Special attention will be given to the mastery of the grammatical and lexical peculiarities of Hellenistic Greek, the study of the history of the New Testament times in Palestine, a thorough investigation of the synoptic and similar problems, and a reverent and appreciative interpretation of the Scriptures studied.

**VI. Romans and Hebrews.**

**T. Th. Three Terms.**

In connection with the translation and interpretation of the Epistles special attention will be given to the problems and teachings of the primitive Church and the doctrines that grew out of them. An effort will be made to get a clear and comprehensive conception of Christianity in the Apostolic Age.

**THEOLOGY.**

**VI. Romans and Hebrews.**

**T. Th. Three Terms.**

**1. The Teachings of Jesus.**

**Fall Term.**

This course is based on the historical and careful exegesis of the New Testament. A working knowledge of the Greek, while a great help, is not absolutely required. The aim is to give thorough acquaintance with the materials, the fundamental principles in the teaching of Christ, and to give practice in gathering and utilizing such material. Jesus' conception of the Kingdom of Heaven, of Prayer and of kindred subjects will be given attention. Not given 1913-14.

**2. The Teachings of Paul.**

**Winter Term.**

The method and aim of course 1 will be continued through this course. The special aim will be to ascertain Paul's exact teaching on the Law, Sin, Grace, the Flesh and like subjects Not given 1913-14.

**3. The Apostolic Church.****Spring Term.**

The aim of this course shall be to trace carefully the origin, problems, rise and development of the early church. Not given 1913-14.

**II. Apologetics.****M.—Th. Fall Term.**

This course will follow two lines of investigation—the practical and speculative. The historical sketch of Apologetics, functions and methods, theories of the universe—Christian and anti-Christian, Pantheistic, Atheistic, Materialistic, Deistic, Agnostic, the Christian Gospel and experiences, with the fundamental proofs of the Christian religion will be thoroughly considered. Presupposes Philosophy I and V.

**III. Systematic Theology.****M.—Th. Winter and Spring Terms.**

In this course a general survey of theology covering the leading points of Christian doctrine will be taken. The source of Christian Theology, inspiration and authority of Scripture; God, man, sin, Christ, the Holy Spirit and things to come will be taken up. Papers on special problems will be required during the course.

**IV. Practical Theology.****M. W. Three Terms.****1. Homiletics****Fall and Winter Terms.**

Preaching and the preacher; the theory of preaching; various kinds of sermons; the text; essential qualities of the sermon; the introduction, the body and conclusion of sermon, with practical work in constructing and writing sermons will constitute the main work of this course. (Lectures, Reading, Sermonizing.)

**2. Pastoral Theology.****M. W. Spring Term.**

The text will cover the subjects of The Present Call;

Pastoral Evangelism; The Price of Power; Personal Evangelism; Evangelistic Preaching; Pulpit Power; Special Revival Periods; Methods of Revival Work, and others of great importance to the modern preacher. (Text, Practical Work.)

### RELIGIOUS EDUCATION.

The purpose of this course shall be: (1) To discover as fully as possible the nature and laws of human consciousness with reference to religious experience. (2) To more fully qualify religious teachers and pastors to more efficiently meet the religious and moral needs of our boys and girls, men and women. The course presupposes Psychology VII and VIII.

#### 1. Psychology of Religion.

M. W. Fall Term.

The course will be an introduction to the origin and development of religious consciousness; adolescence; child religion, psychology and age of conversion; prayer; function of the intellect, and the development of Christian character. (Lectures, Reading, Papers.)

#### 2. Religious Education.

M. W. Winter Term.

Principles and methods of education in religion and morals with a detail study of the more decisive periods and factors in the formation of Christian character and kindred subjects are given special attention. (Text, Lectures, Papers.)

#### 3. Applied Psychology.

M. W. Spring Term.

Special educational problems; the Sunday School; interest; attention; the art of questioning; the speaker and his audience; personal influence; the conditions for intellectual efficiency; a summary of mental hygiene and therapeutics, are given special and scientific attention. (Lectures, Reading, Papers.)



## HISTORY.

## I. Church History.

T. Th. Three Terms.

This course will cover an outline of Church history from the beginning of the church to the present time. The first term will cover the history from the beginning to 590 A. D. The second term will cover from 590 to the Reformation. The third term will extend from the Reformation to the present time.

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## ENGLISH COURSE

There are those who are or might be effective workers in the Lord's cause who have a very limited education, and who have no knowledge of Greek, and are otherwise not prepared to take the regular course, but desire a better knowledge of the English Bible.

The English course has been outlined for their special benefit. The Bible subjects in this course are studied from the Sacred Book itself and not from books about the Bible.

## CURRICULUM.

FIRST YEAR		
FIRST TERM	SECOND TERM	THIRD TERM
Mark.....4	Acts.....4	Epistles.....4
O. T. History I.....3	O. T. History I.....3	N. T. History I.....3
English I.....4	English I.....4	English I.....4
History I.....4	History I.....4	History I.....4
Missions.....2	Missions.....2	Missions.....2
SECOND YEAR		
Greek or English II.4	Greek or English II.4	Greek or English II.....4
Epistles.....4	Epistles.....4	Epistles.....4
Homiletics.....2	Homiletics.....2	Pastoral Theol. ....2
Church History.....2	Church History.....2	Church History.....2
Missions.....2	Missions.....2	Missions.....2
Oratory.....2	Oratory.....2	Oratory.....2

## PROGRAM OF COURSES

### I. Gospel of Mark.

T.—F. Fall Term.

This gospel is selected because of its plain, simple and unadorned language, thus giving the student an easy approach to the facts of the life of Christ and also to a definite method of study. In this term the student masters the history of the life of Christ.

### II Acts and Early Church History.

T.—F. Winter Term.

A thorough knowledge of the Acts of the Apostles is essential to any real understanding of the New Testament. It is studied as a connecting link between the Gospels, the life and teachings of Christ and the Epistles. It is the application of Christ's message to the practical problems of life. It prepares the student for a large appreciation of the Epistles, Church History and Missions.

### III. Epistles.

T.—F. Spring Term.

This last term a few of the Epistles will be used for a further study of the early church and its problems.

### IV. Epistles.

M.—Th. Three Terms.

The Epistles of the second year is a continuation of the first year's New Testament. The work consists of an English exegesis of I Corinthians (Church), Pastoral Epistles (Ministry) and Hebrews (Christ). The Epistles will be fully outlined with special attention given to religious moral and Christological problems. The work may be taken as a two hour course.

### I. Old Testament History.

M. W. Th. Fall and Winter Terms.

This course is largely based on the historical books of the Old Testament. Collateral reading will be done as

circumstances may require. The religious, social and national development and decline of Israel from their beginnings to the birth of Christ will receive special attention. The aim is to give the student a working acquaintance with the historical material of the Old Testament and practice in gathering and utilizing the same.

**I. New Testament History. T. W. Th. Spring Term.**

The methods, principles and aim of Old Testament History I will be continued in this course. Attention will be given to the moral, social and religious conditions at the dawn of the Christian era. The gradual rise and development of the Church during the first century, with kindred problems, shall receive special attention.

**V. Christian Missions. T. Th. Three Terms.**

In this work some time will be spent in the history of Christian Missions with a view of better understanding the present problems of the Mission fields. Some time will be devoted to the study of methods in Mission work, with lectures on the religious life among the masses.

**MUSIC.**

**Ia. Vocal Music. M.—F. Three Terms.**

This is a practice course including instruction in rudimentary principles and in reading and singing music in two, three and four parts. The examination at the end of this course will admit into the chorus. Time required three terms. This class is free to students from any course. Class each day one-half interval.

Special promotion may be applied for during the first and second terms.

**Ib. College Chorus. M.—F. Three Terms.**

The chorus will be under the personal supervision of

the Director and as rapid progress will be made as the ability of the singers will allow.

The work will be a drill in reading advanced music. Systematic practice will be conducted in intermediate tones and the minor modes. Contrapuntal exercises and difficult chord work will be taken up. Oratorios and Cantatas will be studied. Class each day one-half interval.

## SPECIAL BIBLE TERM

The Special Bible Term this year will be held Dec. 29 to Jan. 24. In response to the expressed wish and with the kind co-operation of the Special Bible Term students of former years, we are glad that we are able to offer the following courses and instructors for the coming term:

By J. E. Hartzler, Christian Doctrine.

By N. E. Byers; Sunday School Methods, a Teachers' Training Class.

By J. S. Hartzler; Bible Geography.

By E. S. Hallman, Sunday School Lessons for 1914.

By I. R. Detweiler, Epistles.

By M. C. Lehman; Missions.

By C. Henry Smith; Mennonite History.

By Amos Ebersole; Conducting and Teaching of sacred music for Church and Sunday School.

**Aim:** To give definite instruction in all the above subjects. The student can take a part or all of the above courses.

**Methods of Instruction:** Lessons will be assigned each day which will be taken up the next day in class recitation and general discussion. Whole books of the Bible are carefully studied.

**Opportunity for Study:** During the Special Bible Term the student rooms and boards at the school which gives him all the time between classes for study and preparation of definitely assigned lessons.

**Equipment:** The Library contains a large number of religious books such as Bible and Church Histories, Bible Dictionaries and Geographies, Commentaries, Maps and Charts, to all of which the student has free access.

**Note:** Courses are so arranged that those who desire to remain longer than four weeks may do so by entering the regular course.

# SCHOOL OF MUSIC

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NOAH E. BYERS, President .....	Psychology
*JOHN D. BRUNK, Director .....	Voice, Theory, Chorus
AMOS S. EBERSOLE .....	Voice, Theory, Chorus
SYLVIA BONTRAGER .....	Piano, Organ
GERARD J. DINKELOO .....	Public School Music
PAUL E. WHITMER .....	English
FRANCES EBERSOLE .....	Elocution

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It is the aim of this department to give thorough instruction in such theoretical and practical studies of music as will fit the student for the profession as teachers and artists, but the courses are so arranged that the single branches may be pursued simply as a part of general culture or as an accomplishment.

Since much depends upon the time and careful attention that the student will devote to the preparation of his lessons, it is difficult to designate a time limit for the satisfactory completion of any of the courses offered. The work in this department therefore, has been arranged according to grades. Pupils who have had experience in any of the branches taught in the department may pass an examination when entering which will determine the grade of work to be assigned to them.

## DIPLOMAS.

A diploma of graduation will be awarded those who satisfactorily complete the full Piano Course, Vocal course, and Teachers' Course.

\*Absent on leave.



### CERTIFICATES.

Certificates of graduation will be granted to those who complete the Choristers' course or Reed Organ.

### PREPARATORY COURSE.

There are two classes in which this very important work is done. Great care is taken to make these classes strong and practical. No student should neglect the foundation training.

**Introductory Knowledge.**—This class will study the rudiments of music embracing scales, keys, signatures, intervals, dynamic signs, tempo marks, etc.

**Vocal Music.**—This is a practice course including instruction in rudiment principles and in reading and singing music in two, three, and four parts. The examination at the end of the course will admit into the chorus. Time required is one to two terms. This class is free to students from any course in the institution.

### SUPPLEMENTARY THEORY.

The theory outlined below is not intended to be taken without studies in applied music but may be pursued by College students or music students not taking their piano in this school. The order of the theory is as follows: Introductory Knowledge, Solfeggio, (which is also a practical course), Harmony, Composition, History of Music, Harmonic Analysis, and musical Forms.

Thoroughness is insisted upon. The aim is to make these courses very practical.

### MUSIC TEACHERS' COURSES.

The Teachers' Course is intended to qualify for a musical career in conducting and teaching in musical institutions, normals, schools, etc. The study of theory, in-

strumental music, and voice culture in this course, is pursued from the beginning to the close of the second year. (See outline.)

### First Year.

**First Term.**—Vocal Music, Introductory Knowledge, Solfeggio, Piano, Voice Culture, and one Academic Study.

**Second Term.**—Chorus, Solfeggio, Piano, Voice Culture, and one Academic Study.

**Third Term.**—Chorus, Harmony, Piano, Voice Culture, and one Academic Study.

### Second Year.

**First Term.**—Solfeggio, Harmony, Musical History, Piano, Voice Culture, and one Academic Study.

**Second Term.**—Chorus, Harmony and Composition, Musical History, Piano, Voice Culture, and one Academic Study.

**Third Term.**—Chorus, Harmony and Composition, Methods of Conducting, Piano, Voice Culture, and one Academic Study.

### Third Year.

Theory, entire year; Psychology, entire year; and Voice Culture or Piano, or Public School Music and Voice Culture.

**Note.**—In the above courses Reed Organ may be substituted for Piano in the first year. The studies for the Piano and Voice Culture are the same in the Teachers' Course as outlined in the Piano Course and in the Voice Culture Course.

To those taking the entire Music Teacher's Course we make the following reduced price per term. These prices quoted for "Private" and "Class of Two" refer to tuition

in Piano, Organ or Voice Culture or any Branch which is desired privately.

Lessons taken privately or in class of two are twice a week. Recitation intervals are fifty minutes.

	Private.	Class of Two.
Instructors .....	\$17.25	\$11.50
Assistants .....	12.00	8.00

Vocal Music, Supplementary Theory, one Academic Study, and piano rent, per term, \$12.00.

### VOCAL COURSE.

The training of the individual voice is of first interest here. The quality and power of the voice is what makes an impression upon the hearer. These characteristics depend upon correct breathing and the method of tone production, hence a great deal of emphasis is placed upon this important work.

**Grade One.**—Breathing, Tone Production, Intonation, Songs, Easy Arpeggios and Scales, Abt Tutor, Elementary Vocalises, Concone and Seiber, suitable songs.

**Grade Two.**—Principles of Grade One continued. Enunciation, Difficult Scales, Vocalises from Concone and Abt, Songs, Ensemble.

**Grade Three.**—Masterpieces of Vocalization, Interpretation, Repertory, Songs and Arias.

**Grade Four.**—A continuation of Interpretation, Repertory building, Arias and the classical Song Literature.

**For Graduation.**—Those who satisfactorily complete the above Vocal Studies, the Music Teachers' Course, the Supplementary Theory, and perform successfully in public at least three times will be awarded a diploma of graduation from the Vocal Course.

**PIANO COURSE.**

**Elementary.**—Hand Formation, Loeschhorn Technics, Etudes, Scales, Kullak's Preparatory Octaves, Memorizing, Pieces, Sonatinas from Kulau, Lichner, and Clementi, Bach Inventions and Schumann op. 68.

**Intermediate.**—Joseffy's Advanced Piano playing, Memorizing, Scales, Selected Etudes, Octaves, Selections from Bach, Haydn, Mozart, Beethoven, Schumann, and other modern composers.

**Advanced.**—Chopin Etudes, Bach continued, Repertory Building, and Classical and Modern Masters.

**For Graduation.**—To those who satisfactorily master the above Piano Course, the Music Teachers' Course, the Supplementary Theory, and perform successfully in public at least three times, a Diploma of graduation from the Piano Course will be awarded.

**PUBLIC SCHOOL MUSIC.**

**A Training Course for Supervisors of Music in Public Schools.**

A thorough and systematic course in Notation and Terminology, Ear Training, Oral and Written Dictation Sight Singing, Primary and Intermediate Methods, a pedagogical Course including Psychology and History of Music.

Observation lessons in the city schools will be given, covering the work of the grades from the Kindergarten through the High School.

Instruction and practice in Chorus Conducting, Note singing and training of the Child Voice.

**For Graduation.**—To those who successfully master the Music Teachers' Course, two terms of Public School Music and the Academy or First Class High School course,

a Diploma of Graduation from the Public School Music course will be awarded.

Tuition for Public School Music, two terms, in advance, \$18.00.

### CHORISTER'S COURSE.

**First Term.**—Voice Culture, Introductory Knowledge, Solfeggio, Vocal Music, one Bible Study and one Academy Study.

**Second Term.**—Voice Culture, Harmony, Methods, Chorus, one Bible Study, and one Academy or College Study.

**Third Term.**—Voice Culture, Harmony, Methods, Chorus, one Bible Study, and one Academy or College Study.

Tuition for those who take the entire Choristers' Course as follows:

Academic Studies .....	\$7.50
Music Studies, excepting Voice .....	7.50
Voice, same as listed under Teachers' Course.	

A few scholarships to cover part of the tuition of above courses are available.

### REED ORGAN.

We do not publish an outlined course for this instrument, but an outline may be agreed upon between the pupil and the musical director to meet the special needs of the individual desiring such a course.

This instrument may be studied as a separate branch also.

### REMARKS.

#### Class of Two.

Voice Culture, Piano, and Organ may be studied in

classes of two. This plan curtails expense and gives to many individuals better advantage than private instruction. No one is held back because of others, each pupil has his own studies and pieces; and although he does not practice the lesson of his classmate, he nevertheless by hearing it recited learns his music in addition to that in his own practice. It really amounts to a private lesson before others, which enables one to sing or play with ease and grace in society or public. By this system, "ability is matched with ability, mind comes in contact with mind, and intellect is sharpened with intellect". Seeing others overcome difficulties, inspires us to overcome our own.

### College Chorus.

All registered students who are qualified may enter this class free of charge. The chorus will meet for practice one-half interval each day. The work will be a drill in reading advanced music. Systematic practice will be conducted in intermediate tones and the minor mode. Contrapuntal exercises and difficult chord work will be taken up. Cantatas and Oratorios will be studied.

### Piano Lessons for Children.

We make the following low rates of tuition for children under twelve years of age. These lessons are given by a well trained teacher. A term consists of twelve weeks. Lessons may be taken after school hours or on Saturdays.

#### Special Tuition, Payable in Advance:

Twice a week (20 min.) .....	\$7.50
Once a week (20 min.) .....	4.00

### Notes.

Pupils pursuing the Music Teachers' Course must give evidence of literary attainments or take the Academic Studies allowed in the courses.



Candidates for Diplomas must perform successfully in public at least three times.

Recitals will be given and pupils who are sufficiently advanced are expected to appear on these programs in preparation for public performance.

On entering the School of Music bring with you such songs, pieces, exercises and studies as you have on hand.

The class called "Vocal Music" is a free class to all pupils of the College and meets daily for one-half interval.

Lessons and practice periods are fifty minutes in length.

Beginning pupils in Voice Culture, Piano, or Organ should register for two lessons per week and for not less than one term of twelve weeks.

Those who wish to finish the Music Teachers' Course must be students of the School of Music for at least three terms and are required to take private work not less than two terms in their Major subject.

Those who wish to finish the Vocal Course must be students of the School of Music at least six terms and are required to take private lessons in Voice Culture not less than three terms.

Those who wish to finish the Piano Course must be students of the School of Music at least six terms and are required to take private work in Piano not less than three terms.

The Virgil Clavier is an instrument to be used in hand development. This system may be had on application.

Solfeggio is a term used in our courses to designate the class in ear training and sight reading.

# SCHOOL OF BUSINESS

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**NOAH E. BYERS, President.**

**ORIE MILLER, Principal.**

**Bookkeeping, Penmanship, Commercial Arithmetic**

**JOHN E. WEAVER ..... Shorthand, Typewriting**

**C. HENRY SMITH ..... Civics, Economics**

**FRANCES EBERSOLE ..... Grammar, English**

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## BOOKKEEPING.

We teach the H. M. Rowe system of Bookkeeping and Accountancy. This course is very practical and up-to-date, being absolutely the last word on Bookkeeping. This course presupposes a good general education. A strong eighth grade student can finish in about nine months, while a high school graduate can generally finish it in less time.

The course usually taken requires thorough work in all attendant branches and in the principles of Bookkeeping and Accountancy as follows:

**Bookkeeping I.**

**M.—F. Fall Term.**

A budget is used which is intended to train the pupil in the art of recording the simpler transactions used in a single proprietorship business. The papers used in the business practice are those in common use in any small grocery business. The goods bought and sold are those with which any student is familiar, the prices are simple

and the calculations are easy, the aim being to get the pupil to become familiar with the purpose of the transaction rather than the dollars and cents involved.

The books used in this set are: The Cash Book, Purchase Book, Sales Book, Journal, Ledger, Check Book and Bank Book. At the end of each month's business the pupil is required to make out the various statements incidental to the business such as Trading, Profit and Loss, and Resource and Liabilities Statements.

The student on finishing this set is not only prepared to proceed with the following sets but can also be bookkeeper for the business of any small merchant.

### **Bookkeeping II.**

**M.—F. Winter Term.**

The second Set in Bookkeeping and Accountacy illustrates wholesale business as conducted by partners. At first the business is conducted by two, later additional partners are admitted. Special rulings and columns are illustrated in this set. The Accounts and principles are very similar to those used in any wholesale grocery business. The terms of credit and discount on various groceries are as nearly correct as possible. These differ in detail in all wholesale grocery houses but the principles involved are very nicely illustrated. Special Supplementary exercises are given throughout the course which not only add zest but serve as just the thing to fix on the mind of the pupil some of the more basic principles. One great thought impressed in this set is that no matter how much the detail in various systems of Bookkeeping may differ the general principles are the same. So if the pupil understands these principles thoroughly, he will rarely fail in the ability to quickly adapt himself to any system.

### **Bookkeeping III.**

**M.—F. Spring Term.**

The third budget represents a Commission business conducted by a corporation. Much of the business carri-

ed on in the larger cities is conducted on a commission basis. The nature of the accounts and transactions are such that the student will become very familiar with business of that nature. Enough supplementary exercises are given to show the pupil the method used in opening and closing the books of a corporation. Two of the special features of this set are: The Account Sales Register originated by the author and now universally used in wholesale houses, and the Cash Journal also originated by the author. Its distinctive feature is its special columns. It is rapidly gaining in popularity. After completing this set the student has learned the essentials used in keeping a set of books for a single proprietor, a partnership or a corporation. This completes the Book-keeping and accounting work which is included in the nine months period.

#### **Bookkeeping IV.**

While three budgets will give a student a practical knowledge of the essentials involved in ordinary Book-keeping for those interested in advanced work we teach sets on Banking and Finance, Manufacturing, Real Estate and Agriculture. We are sure no one would regret taking any or all of these special courses.

#### **Business Penmanship.**

**M.—F. Three Terms.**

One of the best recommendations a young man or young woman can have in seeking employment is a neat, legible hand writing. From the day he enters he is under the instruction of a teacher, who employs only the most efficient means to secure to every student the most practical and desirable style of penmanship possible.

#### **Commercial Arithmetic. M.—Th. Fall and Winter Terms.**

A thorough and comprehensive knowledge of the science and application of the principles of Commercial

Arithmetic are essential for rapid promotion in office work. The subject is made practical and interesting by the application of many original methods. Since numbers are employed in every transaction our students are required to be especially proficient in this respect before they are allowed to graduate.

### **Commercial Law.**

**M.—F. Winter Term.**

We do not aim to fit our students for the legal profession but to give them sufficient knowledge of law relating to commerce that they may conduct their own business with confidence. Although this subject is usually considered uninteresting and difficult you will be agreeably surprised if you join one of our classes. We use Hufcutt's Commercial Law as a text.

### **SHORTHAND.**

The Gregg system of Shorthand is taught. It is simple, easily acquired and yet perfectly adequate for all kinds of stenographic work. The following regular courses are given; however, if demanded, beginning classes may be organized at the beginning of each term.

#### **Shorthand I.**

**M.—F. Fall Term.**

In this course the elementary and fundamental principles of the system must be thoroughly mastered for this determines the success of the Shorthand student. The work covers the first twelve lessons in the Gregg Shorthand Manual. Supplementary exercises are given each day to enlarge the student's vocabulary. The method used is that of drill and repetition.

#### **Shorthand II.**

**M.—F. Winter Term.**

The work in the Manual is reviewed and completed during the first few weeks but the text of the course is Gregg Speed Practice, a collection of classified business

letters with vocabulary. These letters are written over and over by the student until they can be written with accuracy and speed. Practice in phrase writing and reading is an important feature of the course.

**Shorthand III.****M.—F. Spring Term.**

Although many students accept positions at the close of the second term, for those who wish to become more efficient or prepare for special lines of work we offer a third term. More attention will be given in this course to speed and to the technical terms used in the various professions.

**Dictation I.****M. W. F. Winter Term.**

This course accompanies Shorthand II. The Dictation book is in the hands of the Instructor only and consists of business letters graded to conform to the advancement of the class. These letters are written, transcribed and handed in. All work is inspected by the Instructor and the student is given individual help and advice. The emphasis in this course is placed upon the student's ability in reading his own notes. Supplementary work in the reading of well written magazine articles is also a helpful feature. Training is given in all the routine work of an ordinary office.

**Dictation II.****T.—Th. Spring Term.**

Accompanies Shorthand III and continues the work of Dictation I. The dictation matter is not so general but on such lines of work as the student prefers, as, Railroad, Insurance, Civil Service or Court Reporting.

**Business English.****M.—F. Fall Term.**

This is a course in practical applied English. It is not technical Grammar nor is it Composition. It gives es-



amentals that lead to ready and correct expression of thought. Much attention is paid to the discrimination in the choice of words. The student is not burdened with rules but is given exercises which require original work and prepare him for the correspondence course which follows. A modern text is used.

### **Correspondence.**

**T. Th. Winter Term.**

All business men realize the value and importance of a neatly written and well constructed letter and the ability to write such a letter is considered an important qualification of a good stenographer or bookkeeper. This course prepares students to meet this demand by giving practice in the writing of all kinds of business letters according to the latest and best methods. One hour per week is devoted to text book work and one hour to letter writing. The letters are read and criticised in class discussions.

### **Spelling.**

**M. W. F. Three Terms.**

A man may have a good general education and be a poor speller but the stenographer or bookkeeper who cannot spell need not expect to hold a good position. Many business men realize their own deficiency in this line and expect the stenographer or bookkeeper to be authority on the subject. For this reason we require all business students to take spelling during the entire course. A practical text book is used in which the words are defined and applied in sentences. Exercises are also given requiring original work.

## **TYPEWRITING.**

We teach touch typewriting in a thorough systematic manner. The key board is first well memorized so that any key may be struck, without raising the eyes from the copy. The student is then ready for the drills and practice as outlined in the "Expert Typwriting"—the manual

used throughout the course. The Monarch and Remington machines are used and are fitted with shields which cover the entire key board and which aid the student in acquiring touch writing. A familiarity with these standard machines prepares the student for the operation of any machine in ordinary use.

### DIPLOMAS AND CERTIFICATES.

Students who complete a course including Bookkeeping, Typewriting, Penmanship, Commercial Law, Commercial Arithmetic, Correspondence and Spelling are entitled to a Diploma of Graduation. Certificates will be granted to those who complete either a course in Bookkeeping, Penmanship, Commercial Arithmetic and Commercial Law or Shorthand, Typewriting, Business English, Correspondence and Spelling.

# SUMMER SCHOOL

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**June 2 to August 22.**

The Summer School is organized for the benefit of two classes of students, those preparing to teach and those who desire to take subjects given during the year in the regular course.

The courses offered in 1913 in the various departments are here given.

## **TEACHERS' COURSE.**

The following courses for Class "A" and Class "B" teachers are accredited by the State Board of Education.

Class "A"—Psychology or Methods and Observation, One Common Branch, One Advanced Subject, or Agriculture.

Class "B"—History of Education, One Common Branch, One Advanced Subject, or Agriculture.

All common branches are taught.

## **COLLEGE COURSES.**

The following courses may be taken for College credits: Psychology, History of Education, English Literature VI, American Literature, German III, American History, English History, Physiology, Geology.

## **ACADEMY COURSES.**

These courses prepare for College entrance requirements: Algebra, Plane Geometry, Latin II, Agriculture.

Other courses may be given in College and Academy work if called for by a sufficient number of students.

Some of the College and Academy courses will not be started before June 23.

For further information send for special Summer School Bulletin, or address inquiries to Goshen College, Goshen, Indiana.

# Correspondence Department

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The satisfactory completion of the following courses will be credited in the regular departments of Goshen College. Those deprived of school privileges can find practical help by mastering these courses at home. Students can make up extra credits during vacation or when required to be out of school for some time.

**New Testament Courses.**

**Rudy Senger.**

**I. The Life of Christ (one term.)** This course is studied from the synoptic gospels, using John's gospel only as supplementary reading. Stevens and Burton's Harmony of the Four Gospels is used as a text book. The course is arranged in twelve studies of six lessons each, making in all 72 lessons. The tuition is \$4.00 and the Harmony \$1.00, postpaid.

**II. Gospel and Epistles of John (one term.)**—This course of twelve studies (72 lessons) devotes ten studies to a book-study of the writings of John, and two to the history of the Biblical manuscripts and our English versions. The tuition is \$4.00 and the book, How We Got Our Bible by Smyth, is 50 cents, postpaid.

**III. Elementary New Testament Greek (three terms.)**—This is a course for beginners in N. T. Greek. It presents the essential facts and most elementary principles of the language. It contains memory work in the vocabulary and thorough drills in grammatical forms. There are easy exercises in reading and writing Greek. The student will read John's first epistle and four chapters of his gospel, with other selections, and receive some practical experience in the use of the Greek lexicon. The tuition is \$5.00 per term. The main text book is Huddilston's Essentials of New Testament Greek, 75 cents, postpaid. For the third term the following are also needed: Wes-

cott and Hort's New Testament in Greek, \$1.00; and Thayer's Greek-English Lexicon of the New Testament \$5.00, postpaid.

### History Course.

C. Henry Smith.

I. **Mennonite Church History (one term.)**—This course covers the whole period of Mennonite history, beginning with a number of earlier and kindred sects in Europe and then taking up the main settlement in America. Their literature, hymnology and doctrines receive considerable attention. The tuition is \$5.00 and text-book, \$2.00, postpaid.

II. **History of Greece (one term.)**—The aim of this course is to give a general survey of Grecian civilization up to the fall of the Seleucid Empire. Some attention is paid to art, architecture and mythology of the period. The tuition is \$5.50 and the text-book, \$1.25, postpaid.

III. **History of Rome (one term.)**—Special attention is paid in this course to those features of Roman history which are essential in determining the trend of mediæval and modern civilization. The tuition is \$5.50 and the text-book, \$1.25, postpaid.

### Latin.

Ephriam J. Zook.

I. **First Year Latin (three terms.)**—This course offers the full equivalent of the first year's work in Latin as outlined in the resident Academy course. The work of each unit corresponds to the work of one term. The tuition is \$5.50 per term, and the text-book for two terms is \$1.00, postpaid.

First term: Collar and Daniell's First Year Latin to page 91.

Second term: The same text, pages 92 to 170.

Third term: Easy Latin Reading with review of forms and syntax.

German.

Daniel S. Gerig.

II. Second Year German (three terms.)—This course is outlined to cover fully the amount of work usually done in the second year of resident work. Each term's work may be taken independently of the others. This arrangement will enable students who are in any way deficient in the first two units of modern language to make up the deficiency through correspondence. The tuition is \$5.50 per term and the text-book for the first term is 70 cents, postpaid.

Other German courses are given on application.

### GENERAL INFORMATION.

The payment of tuition and text books is required with the order. All remittance should be made by bank draft or money order, made payable to Rudy Senger. The student pays the postage both ways on the recitation papers.

Full directions are given with the lessons so that the student need be in no doubt as to what is expected of him or as to how he is to proceed with his work. He can begin at any time and work as fast or slow as his time or ability will permit of a thorough mastery of the lessons. The time limit for the completion of any one of these courses in two years, after which the student forfeits his right to further correspondence. Further information can be had by writing to the secretary of the correspondence department.

RUDY SENGER, Goshen, Ind.



# General Information

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## ARRIVAL OF STUDENTS

Due notice should be given of the time and train on which students arrive, so that they may be met at the depot.

Students should leave their baggage at the depot, take the street car, going west from the depot and ask for a transfer to Goshen College, where arrangements can be made for board and room.

## ROOMS.

All lady students are required to room at Kulp Hall except when excused by the preceptress. Modern conveniences and homelike surroundings are features that make it a very desirable place to stay.

Gentlemen students may find rooms in East Hall or in private homes near the College.

## REGISTRATION.

1. On registration Day at the beginning of each term every student, (both old and new) must obtain in person at the Registrar's office, a registration card.

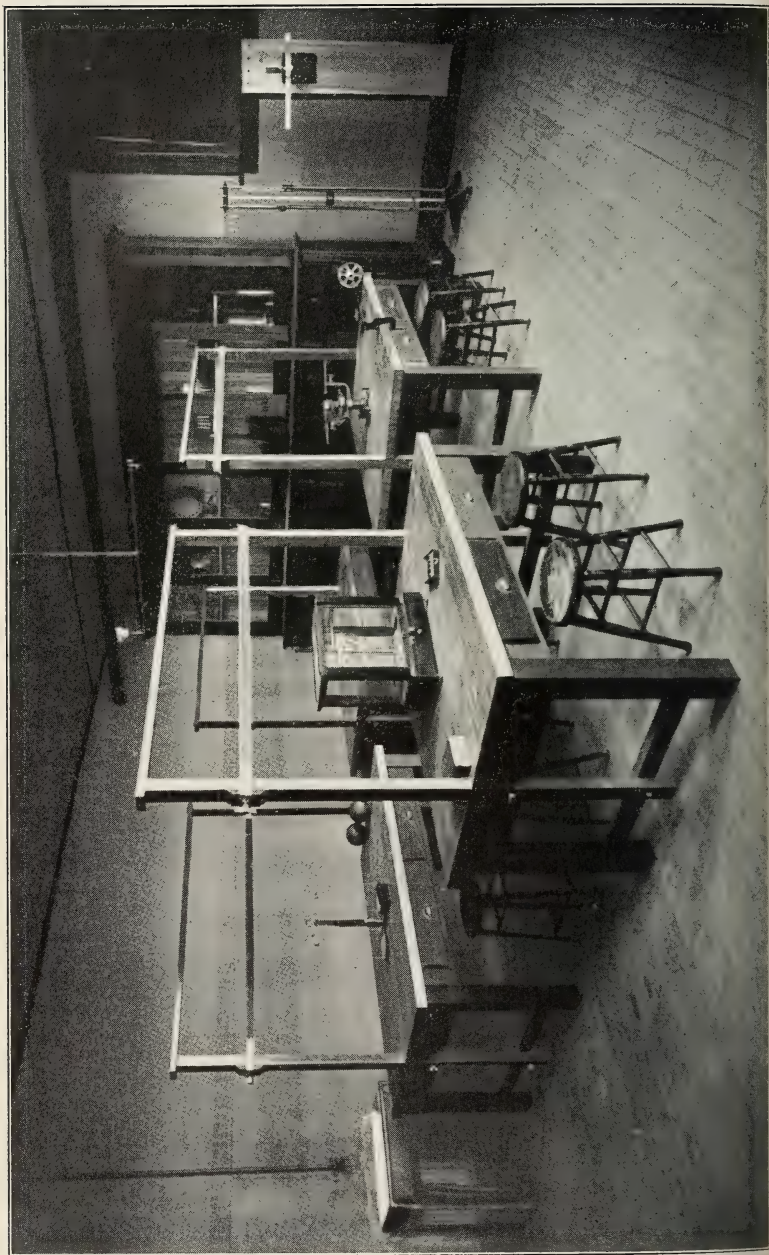
2. This card the student presents to the Head of the Department in which he desires to enroll.

3. The Head of the Department enters upon this card the subjects desired by the student, except for College Juniors and Seniors, who register with their major professor.

4. The student next presents this card to the several instructors whose courses he wishes to enter and the instructor affixes his signature opposite his course.



READING ROOM.



5. When each instructor's signature has been obtained, the student presents the duly signed card at the Business Manager's office and settles for tuition and other fees.

6. When a student fails to file this card with the Business Manager before the close of the opening week of school a fee of fifty cents will be added to the tuition by the Business office.

7. All accounts are due in advance.

8. All matriculated students who register later than the second day of each term will be charged a fee of one dollar (payable to Registrar on issuing of card) for registration.

### MATRICULATION.

Students who enter the institution for the first time, after they have obtained their registration card at the office of the Registrar, will next present themselves at the office of the President for matriculation. If they are qualified to take up the work of the institution, they will receive from the President a Matriculation card, upon the payment of a fee of one dollar. This card must be returned to the Registrar's office for filing. No student is privileged to do work in any department of the institution until these requirements have been fulfilled.

### COURSE OF STUDY.

This catalogue gives a complete outline of the courses of study offered by Goshen College. Any one desiring to begin a particular branch of study should note carefully in the catalogue the date on which such branch begins in the regular course. Extra classes may be formed when four or more students desire to take the same study at the same time. Correspondence is invited when any special study is desired.



### CHANGE OF STUDIES.

All changes of studies may be authorized by the Head of the Department in which the student is enrolled. Any subject once taken up, cannot be dropped without the consent of the Head of the Department in which the student is enrolled.

### TEXT BOOKS.

Text books are for sale at the College Book Exchange. A limited number of books that will be used the following year will be bought from students by the Exchange.

### PHYSICAL CULTURE.

All students are expected to take the regular work in Physical Culture during at least the first year of their attendance. The gymnasium and bath rooms are located in the basement of the main building and the students may use them at any time.

### COLLEGE DINING HALL.

It is the purpose of the managers of the College Dining Hall to furnish a plentiful supply of wholesome food at the lowest possible rates. Board in private families can be secured near the College by those who desire such accommodations.

### EXAMINATION AND GRADES.

Written examinations are given at the end of each term and during the term at the discretion of the instructor. The student's work for the term includes recitation, written work and examinations and is graded according to the following scale: A—very good. B—good. C—passed. D—may be passed upon another examination. E—failed.

Students are not allowed to register for more than the regular number of hours constituting the work of any Department without permission from the faculty.

Application for extra hours must be made in writing at least two weeks before the close of the next term preceding the one in which additional hours are desired. Application must be handed to the Head of the Department in which the student is registered.

When more than one hour is taken additional tuition is charged at the rate of one dollar per term hour, except in case where extra tuition is already due for the course taken.

### **REPORTS.**

A report of each student's work will be sent at the end of each term to the parent or guardian of the student, upon request.

### **DIPLOMAS AND CERTIFICATES.**

Diplomas will be given to all students who finish the work outlined in the College, Normal, Academy, Regular Bible, Piano, Voice Culture, Oratory, Professional and Combined Business courses, on condition that they have been students at the College at least one year.

Those who have completed the English Bible, Short-Bookkeeping, Stenography, Elementary Music Teachers', Reed Organ, Public School Music Courses, and "A" and "B" Class Normal Course will be given certificates showing the work actually done.

### **DISCIPLINE.**

It is the aim of the Faculty to maintain such discipline as will make it possible for the students to do their best work and form good habits of conduct. The President and Preceptress enforce the regulations as outlined by the Faculty and try to aid each individual student, by advice and criticism, to cultivate that spirit which seeks not only that which is best and noblest for self, but which has even a greater concern for the highest welfare of every member of the school.



### THE STUDENTS' COUNCIL.

In order to facilitate the most helpful relations between the Faculty and student body a Students' Council composed of representatives from the various classes and religious organizations has been organized. This Council represents the students in a sympathetic cooperation with the Faculty in maintaining the best standards of College life and work. We believe that this plan has been the means of securing the feeling of good-will so evident between Faculty and students.

#### RULES.

##### I. All students are required:

1. To attend chapel every day.
2. To abstain from the use of tobacco, card playing and profane language in the vicinity of the College.

##### II. Non-resident students are required:

1. To attend Sunday School and one Church service each Lord's day at their regular place of worship.
2. To be at their homes at 8 p. m. except, (a) on Saturday, when the time is extended to 10 p. m. (b) when attending church services. (c) when attending meetings at the College, after which services or meetings they shall go immediately to their rooms.
3. Lady students shall not receive gentlemen callers at their rooms.
4. Students shall select rooms from among those approved by the Faculty.
5. Lady and gentlemen students shall not take rooms in the same home.

**GOSHEN COLLEGE RECORD.**

The Goshen College Record, the official organ of the College, is a twenty-four page paper published in the interests of Christian education. The paper is published by the Board of Directors, supervised by the Faculty, and edited by a staff selected from the student body. It is the aim of those who publish the paper to make it serve as a medium for literary work, as a means of communication between present and former students, and as an exponent of the general work of the school.

**RELIGIOUS ORGANIZATIONS.**

The Young People's Christian Association, a religious organization of students, doing aggressive Christian work, has the general oversight of the religious work among the students and provides for other legitimate needs of student life.

Devotional meetings, which are a source of inspiration and general help to all students, are held every Thursday evening. Frequently Missionary topics are discussed at these meetings and problems of personal religion are often considered. A special effort is made to help students form the habit of regular devotional Bible study and for this purpose Bible classes are organized which meet every Tuesday evening for review of the daily studies. These courses continue throughout the whole of the Academy and College work and cover much of the Old and the New Testament. There are also several classes for the study of home and foreign missions. These meet every Sunday evening for a discussion of the week's studies. By means of these studies the students become familiar with the needs and call of the home and foreign mission field.

Two Mission bands (home and foreign) meet regularly on alternate Sunday mornings of the school year to study systematically the various subjects necessary for

a complete knowledge of the home and foreign mission fields. Volunteers for missionary service find these Bands a source of great help.

The Association also devotes part of its energy to student work. New students are met at the trains, assisted in finding suitable rooms, and given every possible assistance in beginning their work. An employment bureau makes it possible for students to earn a large part of their expenses.

### LITERARY SOCIETIES.

Two College and four Academy Literary Societies conducted by students, are in successful operation under the general supervision of the Faculty. They give ample practice for original composition and public speaking.

**College.**—The Emersonian Society is for the men and the Alethea Society for the women of the College Department. They have separate meetings on the first and third Monday evenings of each month, and on the second and fourth Friday evening of each month they unite their efforts in presenting public programs. Both Societies are maintaining high standards in their work.

**Academy.**—The Aurora and Adelphian Societies are for the young men of the Academy. They afford good training in logical debate and parliamentary law.

The Avon and Vesperian Societies are open to all the young women of the Academy. They afford opportunities for practice of music, reading and original composition.

Joint meetings open to the public, are held on the second and fourth Friday evenings of each month. Separate meetings are held by each Society every Monday evening.

**General Organizations.**—The Students' Library Association is organized for the purpose of adding books to a library established by the Association. The Association draws on the funds of the literary societies for its support,

and only members of the literary societies are members of the Students' Library Association.

The Students' Lecture Association is organized for the purpose of conducting a course of lectures for the benefit of the students. The literary societies furnish the necessary funds for the course.

**Oratorical Association.**—The Oratorical Association is composed of students interested in Debating and Oratorical work. The membership is limited to the interclass and intercollegiate debating teams and orators in the Intercollegiate Peace Oratorical Contest.

### ALUMNI ASSOCIATION.

The Alumni Association of Goshen College was organized April 13, 1901. Its object is "to maintain school friendship and a strong school spirit, to further the interests of the institution it represents, and to promote higher education". The Association has an endowment fund, the income of which in the past has been used to purchase books for the Mennonite Historical Library. These books were donated to the College and the collection is one of the most valuable of its kind in America.

### STUDENTS' SELF-HELP.

Young people who lack sufficient money to pay all expenses will find many opportunities in Goshen to earn money while attending College. The College gives employment to a number who are doing tutoring, library, janitor or dining room work. All young women desiring to earn money have been able to get work to pay room and board. Young men find places in private homes to earn room and board, or get work on Saturdays as clerks. The College can do very little in securing promises of work before the person arrives. Employers wish to see the applicant before making promises.

### SCHOLARSHIPS.

Provisions are made through scholarships, to assist worthy students who are preparing for general mission or church work. During the past year twelve students have received all or part of their tuition from these funds. Students desiring assistance through these scholarships, should make application to the scholarship committee, appointed from the Faculty.

### ENDOWMENT FUND AND BENEFITS.

The Endowment Fund of Goshen College has become an important factor in meeting the expenses of the school and consists of the obligations of responsible individuals, paying an annual income. Some of these obligations have been paid in full, and the money invested in the Ladies' dormitory. Miscellaneous donations are applied as specified, and at the discretion of the officers of the Faculty and Executive Board.

Several wills have been made recently in favor of Goshen College. In such donations the following form should be used. "I hereby give, devise and bequeath to the Mennonite Board of Education, the sum of ..... Dollars to be used to maintain the ..... Fund of Goshen College, Goshen, Indiana.

## CALENDAR OF PUBLIC EVENTS for 1912-1913

- Nov. 1. Thomas E. Rankin, Professor of Rhetoric, University of Michigan, Lecture, Ruskin, Master of English Literature.
- Nov. 8. Walter Bentley Hall, Chicago, Lecture-Recital on Folksongs.
- Jan. 6. William H. Head, Chicago, Lecture-Recital, Riley's Poems.
- Jan. 15. Marion Green, Chicago, Concert.
- March 10. Dr. J. O. Kinneman, Toledo, Lecture, On the Trail of the Immigrant.
- April 7. Arthur Farwell, New York, and Noble Kreider, Lecture and Recital.
- April 18. Dr. Theodore L. Neff, University of Chicago, Lecture, Our Celtic Friends and Their Mecca.
- April 22. Intercollegiate Debate with Mt. Morris College.
- April 25. Interstate Intercollegiate Peace Oratorical Contest.
- May 10. President George E. Vincent, University of Minnesota, Lecture, The Mind of the Mob.
- May 16. Iva Biglow Weaver, Chicago. Philharmonic Concert.
- June 5. Captain Roald Amundsen, Lecture, How I Discovered the South Pole.
- June 20. Dr. John Balcom Shaw, Chicago, Commencement Address.



# EXPENSES

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All Regular Terms Consist of Twelve Weeks.

## TUITION.

### College and Business.

Per week, in advance .....	\$ 1.75
Per term, in advance .....	18.00
Per year, in advance .....	50.00

### Academy and Normal.

Per week, in advance .....	\$ 1.50
Per term, in advance .....	15.00
Per year, in advance .....	42.00

Students taking more than 16 hours (recitations) work in College or 17 in Academy will be charged one dollar extra per hour.

No tuition, either class or private, will be refunded except in case of protracted sickness or by order of the Faculty.

### Special Courses.

Special Bible Term, four weeks .....	\$ 5.00
Four hours in Academy, per term .....	7.00
Eight hours in Academy, per term .....	10.00
Five hours in College, per term .....	9.00
Ten hours in College, per term .....	12.00

### Special Fees.

Laboratory fee, College, per term credit .....	.75
Matriculation fee .....	1.00

(Paid only on first registration.)

**Bible.**

Free tuition for those who take the regular Bible Courses as outlined in the Catalogue.

**Music.**

All lessons taken privately or in class of two are twice a week. Recitations continue fifty minutes.

Vocal Music, daily (Free Class.)

Chorus daily, (Free Class.)

Prices for lessons, per term are:

Private. Class of Two.

Piano and Voice .....	\$18.00	\$12.00
History, Harmony or Solfeccio, General Class ....	7.50	
Introductory Knowledge, General Class .....	5.00	
Organ Rent, one interval each day, per term .....	1.25	
Piano rent, one interval each day, per term .....	2.00	
Children under twelve, Piano, twenty minute lesson, twice a week, \$7.50; once a week, \$4.00.		

Students who register in the Music Department may have Academy tuition at \$1.00 per hour and College at \$1.25 per hour.

**Oratory.**

20 class lessons .....	\$ 3.00
Private lessons, 50 minutes .....	.50

**Diplomas.**

Diploma fee, degree .....	\$ 5.00
Diploma fee .....	3.00
Certificate fee .....	1.00

**Board.**

Per meal, in advance .....	\$ 0.20
Per week, in advance .....	2.25
Per term, in advance .....	25.00
Thanksgiving vacation, additional .....	1.00
Christmas vacation, additional .....	2.50

Students going home over Sunday are allowed a rebate of 5 cents per meal, not to exceed \$2.50 per term.

**Rooms.**

Per week, in advance .....	\$ 1.00
Per week, in advance, summer .....	.85
Per term, in advance .....	12.00
Per term, in advance, summer .....	9.00

These prices are for furnished rooms in Kulp Hall or East Hall, two in a room, including heat, light, washing and ironing, (15 pieces per week). Those who wish to take rooms alone must add \$2.00 for Fall and Spring terms and \$4.00 for Winter term to the above prices.

Each student should bring one comforter, towels and bed linen.

Rooms will be reserved in the dormitory for regular students on receipt of a deposit of \$2.00 to be applied on room rent. On receipt of such deposit, rooms will be held one week at the beginning of the term. These deposits will not be refunded and are not transferable.

# SCHEDULE OF LECTURES AND RECITATIONS FOR THE FALL TERM, 1913.

INSTRUCTORS	ROOM	8:00	8:55	9:50	10:40	11:30	11:45	1:15	2:10	3:05
BYERS	10	Psychology		History of Education					History of Philosophy	
SMITH	30				Economics			American History	Political Theory	Medieval History
GERIG	14		German II	German I	German III and IV			German V and VIII		
ZOOK	15		Latin III	Latin IV	Latin II			Latin V	Latin I	
KURTZ	23	Physics VI and VII	Physics VII	Physics I	Geology			Chemistry III	Chemistry Laboratory	Chemistry II
LEHMAN	33	Plane Geometry	Algebra IV		Solid Geom. Algebra III				Astronomy	Calculus
WHITMER	21	English VI and IX		English X and XII				English VII		
HARTZLER	20		Religious Education	Apologetics	Epistles			O. T. Hist. I	O. Test. III Church H.	
DETWEILER	20	N. Test III.	Mark		N. Test II and V					N. Test IV Missions
EBERSOLE	21		Elocution					English II	English IV	English I
MILLER	13		Commercial Arithmetic	Book-keeping	Penmanship			Book-keeping	Book-keeping	Business English
WEAVER	11		Shorthand I	Typewriting				Shorthand III		Typewriting
EBERSOLE	22			History of Music			Chorus		Harmony Compos'n	Harmony
ASSISTANTS	14	Zoology II	Zoology Laboratory	Botany I	Botany Laboratory		Vocal Drill	Algebra	Academy German I	Ancient History

C H A P T E R

# SCHEDULE OF LECTURES AND RECITATIONS FOR THE WINTER TERM, 1914.

INSTRUCTORS	ROOM	8:00	8:55	9:50	10:40	11:30	11:45	1:15	2:10	3:05
BYERS	10	Psychology		Science of Education					History of Philosophy	
SMITH	30				Economics			American History	Political Theory	Modern History
GERIG	14		German II	German I	German III and IV			German V and VIII		
ZOOK	15		Latin III	Latin V	Latin II			Latin V	Latin I	
KURTZ	23	Physics VI and VII	Physics VII	Physics I	Soils			Chemistry III	Chemistry Laboratory	Chemistry II
LEHMAN	33	Plane Geometry	Trigonometry		Solid Geom. Algebra III					Calculus
WHITMER	21	English VI and IX	Normal Grammar	English X and XII				English VII	English IV	
HARTZLER	20		Religious Education	Systematic Theology	Epistles			O.T. Hist. I	O. Test III Ch. Hist.	
DETWEILER	20	N. Test. III	Acts		N. Test. II and V					N. Test. IV Missions
EBERSOLE	21		Elocution					English II		English I
MILLER	13	Bookkeeping	Commercial Arithmetic	Commercial Law	Penmanship			Book-keeping	Book-keeping	Correspondence
WEAVER	11		Shorthand I	Typewriting	Shorthand II			Dictation I		Typewriting
EBERSOLE	22			History of Music			Chorus		Musical Forms	Harmony
ASSISTANTS	14	Zoology 11	Zoology Laboratory	Botany I	Botany Laboratory		Vocal Drill	Algebra I	Academy German	Ancient History

LEAVE

# SCHEDULE OF LECTURES AND RECITATIONS FOR THE SPRING TERM, 1914.

INSTRUCTORS	ROOM	8:00	8:55	9:50	10:45	11:30	11:45	1:15	2:10	3:05
BYERS	10	Psychology		School Man- agement		CHAPEL			Philosophy of Religion	
SMITH	30				Sociology			American History	Political Theory	19th Cent. History
GERIG	14		German II	German I	German III and IV			German V and VIII		
ZOOK	15		Latin III	Latin V	Latin II			Latin IV	Latin I	
KURTZ	23	Physics VI and VII	Physics VII	Physics I	Geography			Chemistry III	Chemistry Laboratory	ChemistryII
LEHMAN	33	Plane Geometry	Analytics		Solid Geom. Algebra III				Normal Arithmetic	Calculus
WHITMER	21	English VI and IX		English X and XII				Eng. VII		
HARTZLFR	20		Religious Education	Systematic Theology	Epistles			N. Test. Hist. I	O. T. III Ch. Hist.	
DETWEILER	20	N. Test III	Epistles		New Test. II and V					N. Test IV Missions
EBERSOLE	21		Elocution					English II	English IV	English I
MILLER	13		Bookkeeping		Penmanship			Book- keeping	Book- keeping	
WEAVER	11		Shorthand II		Dictation I and II			Shorthand III	Type- writing	Typewrit'g
EBERSOLE	22			Harmony & Composition			Chorus			Harmony
ASSISTANTS	14	Zoology II	Zoology Laboratory	Botany I	Botany Laboratory		Vocal Drill	Algebra I	Academy German I	Ancient History



# ROSTER OF STUDENTS

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## COLLEGE.

### Seniors.

Burkey, Fred .....	Ohio, Ill.
Breckbill, Albert .....	Avilla, Ind.
Colburn, Nora Elizabeth .....	Bangor, Mich
Culp, Vernon Stanford .....	Nappanee, Ind.
Detweiler, Reuben .....	Bluffton, Ohio
Fisher, John .....	Kalona, Iowa
Geigley, Amos .....	East Earl, Pa.
Haarer, William Henry .....	Goshen, Ind.
Hertzler, Silas .....	Glenarm, Md.
Kauffman, Elnora .....	Goshen, Ind.
Lapp, George Jay .....	Dhamtari, India
Nunemaker, Walter Thomas .....	La Junta, Colo.
Schrock, Inez Bernice .....	Middlebury, Ind.
Wilson, Margaret .....	Elkhart, Ind.
Yoder, John Miller .....	Goshen, Ind.
Yoder, Crissie Catherine .....	Creston, Ohio
Ziegler, Curtis Clayton .....	North Lima, Ohio

### Juniors.

Blosser, Williard .....	North Lima, Ohio
Hertzler, Asa .....	Glenarm, Md.
Kilgore, Cecil .....	Kimmel, Ind.
Shank, Charles Lewis .....	Ronk, Pa.
Weaver, William .....	LaGrange, Ind.
Witmer, Samuel .....	Soudersburg, Pa.

### Sophomores.

Allgyer, Jacob Roy .....	West Liberty, Ohio
Boehr, Jacob Peter .....	Wisner, Neb.
Banta, Nola .....	Goshen, Ind.
Detweiler, Margaret .....	Seville, Ohio
Eby, Aaron Jacob .....	Gap, Pa.
Fischer, George Atherton .....	Bristol, Ind.
Fisher, Mary .....	Kalona, Iowa
Hostetler, Lester .....	Sugarcreek, Ohio

Haney, Charles Lloyd .....	Milford, Ind.
Johnson, Sylvia Lloyd .....	Masontown, Pa.
Kreider, Amos Ebersole .....	Sterling Ill.
Martin, Amos Zimmerman .....	Lancaster, Pa.
Miller, Lita Verah .....	Goshen, Ind.
Martin, Martha .....	Greencastle, Pa.
Plank, Samuel Clarence .....	West Liberty, Ohio
Rupp, Adam Roth .....	Archbold, Ohio
Troyer, Sana .....	West Liberty, Ohio
Umble, Glen Sylvester .....	West Liberty, Ohio
Walker, Alfred Russell .....	Warsaw, Ind.
Yoder, Ellen Elizabeth .....	West Liberty, Ohio
Zook, Vesta .....	Topeka, Ind.

## Freshmen.

Burkhard, Henry .....	Roseland, Nebr.
Colburn, William Henry .....	Bangor, Mich.
Duker, Chauncey .....	Nappanee, Ind.
Ebersole, Harry Benjamin .....	Sterling, Ill.
Grosh, Walter Albert .....	Goshen, Ind.
Hershberger, Leo .....	Shipshewana, Ind.
Long, Albert Raymond .....	Millersburg, Ind.
Lehman, Elmer Ernest .....	Wakarusa, Ind.
Miller, Jacob .....	Kalona, Iowa
Miller, Orie .....	Middlebury, Ind.
Miller, Ernest Edgar .....	Middlebury, Ind.
Moore, Alva .....	Albion, Ind.
McCarty, Agnes Bernice .....	Brimfield, Ind.
Newell, Ned .....	Goshen, Ind.
Nusbaum, John .....	Wakarusa, Ind.
Nunemaker, Samuel .....	LaJunta, Colo.
Russel, Elcy May .....	Oblong, Ill.
Stump, Merlin .....	New Paris, Ind.
Reed, Charles .....	Goshen, Ind.
Smucker, Vernon Jonathan .....	Smithville, Ohio
Shank, Fannie Priscilla .....	Ronk, Pa.
Steiner, Charity Evangeline .....	Columbus Grove, Ohio
Snyder, Milo Demetrius .....	Cromwell, Ind.
Smucker, Cora .....	Tiskilwa, Ill.
Stiver, Donald .....	Goshen, Ind.
Troyer, George .....	Kokomo, Ind.
Unzicker, Samuel Peter .....	Tuleta, Texas
Wenger, Florence .....	Wakarusa, Ind.
Wolf, Susan Elta .....	Akron, Pa
Williams, Alvin .....	Shipshewana, Ind.
Yoder, Orus Ray .....	Goshen, Ind.
Yoder, Solomon .....	Belleville, Pa.

## Special.

Ebersole, Frances Elizabeth .....	Freeport, Ill.
Weaver, John .....	LaGrange, Ind.

## NORMAL.

Bachman, Rosa .....	Tiskilwa, Ill.
Bontrager, Joanna .....	Goshen, Ind.
Baker, Zoe .....	Goshen, Ind.
Cook, Earl Abraham .....	Elkhart, Ind.
Frederick, Ethel .....	Nappanee, Ind.
Frederick, Harvey .....	Nappanee, Ind.
Hoopingarner, Myrl Darvin .....	Shipshewana, Ind.
Holdeman, Walter .....	Wakarusa, Ind.
Huffman, Grace Lois .....	South Bend, Ind.
Miller, Georgia Ruth .....	Millersburg, Ind.
Pippinger, Laura .....	Goshen, Ind.
Shidler, Sarah Rachel .....	Goshen, Ind.
Shidler, Ira James .....	Goshen, Ind.
Summy, Leona .....	Leesburg, Ind.
Secrist, Dana Dwight .....	Cromwell, Ind.
Stutzman, Pearl Hester .....	Goshen, Ind.
Weaver, Theron .....	Wakarusa, Ind.
Yoder, Ivy .....	Shipshewana, Ind.
Yoder, Ray .....	Wakarusa, Ind.

## ACADEMY.

## Fourth Year.

Burkhard, Noah .....	Roseland, Nebr.
Brenneman, Milton .....	Kalona, Iowa
Blosser, Olive Ruth .....	Rawson, Ohio
Blue, William Hollis .....	Ligonier, Ind.
Eby, Ida .....	Columbus Grove, Ohio
Good, Mary Magdelene .....	Wolftrap, Va.
Garber, Vinetta May .....	Goshen, Ind.
Heintzelman, Lillian Grace .....	New Paris, Ind.
Hoover, Noble .....	Goshen, Ind.
Holdeman, Albert Franklin .....	Goshen, Ind.
Miller, Louis .....	Wellman, Iowa
Miller, Dwight Lyman .....	Fentress, Va.
McMann, Bertha .....	Wakarusa, Ind.
Phillips, George Washington .....	Goshen, Ind.
Reisner, Anna .....	Tiskilwa, Ill.
Reed, Luella May .....	North Lima, Ohio
Smoker, Ernest .....	Goshen, Ind.

Shidler, Sarah Rachel .....	Goshen, Ind.
Senger, Rudy .....	Goshen, Ind.
Smith, Ruth Frances .....	New Paris, Ind.

### Third Year.

Albright, Julius Caesar .....	Tiskilwa, Ill.
Baer, Willis .....	Salunga, Pa.
Hollar, Noble .....	New Paris, Ind.
Kline, Winnie .....	Goshen, Ind.
Landis, William .....	Sterling, Ill.
Nissley, Emma .....	Landisville, Pa.
Miller, Ida May .....	Middlebury, Ind.
Mullet, Ella Katy .....	Nappanee, Ind.
Neff, Zerola Adelia .....	New Paris, Ind.
Stephenson, Norman .....	Goshen, Ind.
Yoder, Homer Allen .....	Denbigh, Va.
Weaver, Vinora Pearl .....	LaGrange, Ind.

### Second Year.

Cotner, Ida Mae .....	Goshen, Ind.
Dausman, Ruth .....	New Paris, Ind.
Ebersole, William Harvey .....	LaJunta, Colo.
Eby, Elmer .....	Lancaster, Pa.
Hire, Merrill .....	Ligonier, Ind.
Hershey, Charles Owen .....	LaJunta, Colo.
Kennel, Claire .....	Goshen, Ind.
Kennel, Mabel .....	Goshen, Ind.
Oswald, Walter .....	Charm, Ohio
Stump, George .....	New Paris, Ind.
Stark, Gladys .....	Elkhart, Ind.
Smoker, Esther Mae .....	Goshen, Ind.
Stiver, Ora .....	Nappanee, Ind.
Unzicker, Mabel .....	Goshen, Ind.

### First Year.

Blough, Harry Cloyd .....	Holsopple, Pa.
Bixler, Orlo Steiner .....	Beaver Dam, Ohio
Davenport, Ray Eugene .....	Goshen, Ind.
Friesner, Cleone .....	Goshen, Ind.
Grabill, Amelia .....	Goshen, Ind.
Grabill, Cordelia .....	Goshen, Ind.
Headings, Ruth .....	DeGraff, Ohio
Hooley, Clara Lydia .....	Goshen, Ind.
Hoover, Lewis .....	Goshen, Ind.

Hoover, Noble .....	Goshen, Ind.
Hallman, Clemens .....	Goshen, Ind.
Kauffman, Perry Lee .....	Amelia, Va.
Miller, Clarence .....	Louisville, Ohio
Nunemaker, Harvey .....	Sterling, Ill.
Otto, Murley .....	Wellman, Iowa
Pletcher, Menno Simon .....	Goshen, Ind.
Rickert, Edwin .....	Youngstown, Ohio
Rickert, Isaiah Allen .....	Columbiana, Ohio
Randolph, Charles .....	Goshen, Ind.
Russel, Rosa Ethel .....	Oblong, Ill.
Schertz, Emanuel Levy .....	Metamora, Ill.
Strycker, Jesse Melvin .....	New Paris, Ind.
Stauffer, Mahlon .....	Rittman, Ohio
Summer, Emanuel Arthur .....	Metamora, Ill.
Snyder, Abel .....	Hespeler, Ont.
Thomas, Harry Sylvester .....	Holsopple, Pa.

### MUSIC.

Byers, Cecil Floyd .....	Goshen, Ind.
Berry, Georgia .....	Goshen, Ind.
Bechtel, Nelson .....	Hespler, Ont.
Cripe, Hazel .....	Goshen, Ind.
Clayton, Ethel Marie .....	New Paris, Ind.
Ebersole, Amos .....	Smithburg, Md.
Grosh, Pearl .....	Elkhart, Ind.
Greenwalt, Leland Bidwell .....	Goshen, Ind.
Geiger, Louella .....	Bluffton, Ohio
Kronk, Cleo .....	Wakarusa, Ind.
Kennel, Gladys .....	Goshen, Ind.
Landis, Ruth Wion .....	Goshen, Ind.
Lantz, Lela .....	Topeka, Ind.
Miller, Bertha Mae .....	Goshen, Ind.
Miller, Edith Marie .....	Goshen, Ind.
Swartzendruber, Edwin .....	Versailles, Mo.
Spangler, Esther .....	Elkhart, Ind.
Shantz, Ammon Junia .....	Hespeler, Ont.
Trent, Evertt .....	Flora, Ind.
Thornton, Mary .....	Elkhart, Ind.
West, Enid .....	Goshen, Ind.
Yoder, Effie Mae .....	West Liberty, Ohio
Yoder, Walter .....	Topeka, Ind.

### BUSINESS.

Ackerman, Marie .....	Goshen, Ind.
Brady, Clara .....	New Paris, Ind.

Charlwood, Frances	Goshen, Ind.
Chidister, Fern	Ligonier, Ind.
Cripe, Warren	Goshen, Ind.
Cook, Mamie	Goshen, Ind.
Davidson, Fannie Edith	Auburn, Ind.
Firestone, Eugene Clell	Goshen, Ind.
Gouker, Paul Victor	Goshen, Ind.
Gary, Frank Homer	Millersburg, Ind.
Hartzell, Clarence	Soudertown, Pa.
Hostetler, Josiah	LaGrange, Ind.
Hoke, Arthur	Goshen, Ind.
Jones, Bernice	Goshen, Ind.
Jones, Clarence	Goshen, Ind.
Juday, Hugh	Benton, Ind.
Kinzinger, Arthur Ward	Bad Axe, Mich.
Kinney, Clare	Goshen, Ind.
Lehman, Zula	Goshen, Ind.
Miller, Ralph	Nappanee, Ind.
Pestow, Carl	Goshen, Ind.
Plank, Bertha	LaGrange, Ind.
Rough, Robert Lester	Goshen, Ind.
Rood,, Ralph Harrison	Goshen, Ind.
Rogers, Alvin	Goshen, Ind.
Reed, Ada Catherine	North Lima, Ohio
Shetler, Lloyd	Goshen, Ind.
Schrock, Waldo Emerson	Goshen, Ind.
Steinmetz, Ivy	Goshen, Ind.
Troyer, Glenn LeRoy	Kokomo,, Ind.
Troyer, Orla	Goshen, Ind.
Yoder, Elizabeth	Goshen, Ind.
Yoder, Ray	Wakarusa, Ind.
Weaver, Elcie	New Paris, Ind.
Whitaker, Anna Louise	Goshen, Ind.

# BIBLE.

Boehr, Mrs. Edna	Goshen, Ind.
Bachman, Rosa	Tiskilwa, Ill.
Brunsmma, Seabie	Nappanee, Ind.
Buzzard, Edith	Goshen, Ind.
Blosser, Mary Elizabeth	North Lima, Ohio
Christophel, Jesse	New Paris, Ind.
Culp, Asher	New Paris, Ind.
Culp, Alpheus	New Paris, Ind.
Culp, Naomi	New Paris, Ind.
Good, Carrie	Rantoul, Ill.
Good, Leroy	Rantoul, Ill.
Grosh, Myrtle Mae	Goshen, Ind.



Haney, Phillip .....	Nappanee, Ind.
Lapp, Esther .....	Dhamtari, India
Landis, Agnes .....	Sterling, Ill.
Miller, Sadie .....	Kokomb, Ind.
Mast Joseph .....	Harper, Kan.
Miller, Monroe .....	Goshen, Ind.
McCullough, Mabel .....	Morrison, Ill.
North, Homer Frank .....	Kokomo, Ind.
Ringenberg, Hildah .....	Tiskilwa, Ill.
Raber, Ernest .....	Aurora, Ill.
Rohrer, Beulah .....	New Paris, Ind.
Smucker, Cora .....	Tiskilwa, Ill.
Spiegle, Katie .....	Johnstown, Pa.
Sommers, Katie .....	Greentown, Ind.
Stonley, James .....	Youngstown, Ohio
Weaver, Katie .....	Holsopple, Pa.
Wengerd, Amelia .....	Millersburg, Ind.
Yoder, Alma .....	Shipshewana, Ind.
Yoder, Mary Elta .....	Topeka, Ind.

### SUMMER SCHOOL.

Aishe, Hildred .....	Shipshewana, Ind.
Berlin, Flossie Irene .....	Goshen, Ind.
Baker, Zoe .....	Goshen, Ind.
Bartholomew, Elva .....	Goshen, Ind.
Beery, Lola Irene .....	Columbus Grove, Ohio
Brunk, Clifford .....	Elida, Ohio
Burkey, Fred .....	Ohio, Ill.
Brackbill, Ruth .....	Avilla, Ind.
Bowman, Nellie .....	Goshen, Ind.
Blauch, Lloyd .....	Aurora, Ohio
Byler, Maud .....	Cable, Ohio
Bachtel, Ruth .....	Mishawaka, Ind.
Brady, Clara .....	New Paris, Ind.
Baumgartner, Verena .....	South Bend, Ind.
Bardo, Edith Bernice .....	Bristol, Ind.
Betz, Fred .....	Milford, Ind.
Cripe, Gladys .....	Goshen, Ind.
Christophel, Allen .....	Goshen, Ind.
Coe, Velma .....	Kendallville, Ind.
Clark, Arthur .....	Goshen, Ind.
Cocanower, Harvey .....	Elkhart, Ind.
Cocanower, Erma .....	Osceola, Ind
Clouse, Flossie .....	Nappanee, Ind
Doty, Maude .....	Milford, Ind.
Eddy, Vera .....	Wolcottville, Ind.
Ebersole, Amos ..	Smithburg, Md.

Eby, Charlotte	Goshen, Ind.
Eby, Ida	Columbus Grove, Ohio
Frederick, Harvey	Nappanee, Ind.
Fites, Carrie	South Bend, Ind.
Fox, Cora	Fremont, Ind.
Fisher, Mary	Kalona, Iowa
Fields, Ruth	South Bend, Ind.
Firestone, Ralph	Goshen, Ind.
Grady, Emory	Goshen, Ind.
Grosh, Walter Albert	Goshen, Ind.
Good, Mary Madgalene	Wolftrap, Va.
Geiger, Leroy	Milford, Ind.
Good, Mabel	Lakeville, Ind.
Hertzler, Mary	Glenarm, Md.
Hytéma, Sylvia	New Paris, Ind.
Hershey, Charles Owen	LaJunta, Colo.
Hansen, Sophia	South Bend, Ind.
Heintzelman, Muriel	New Paris, Ind.
Hertzler, Asa	Glenarm, Md.
Hostetler, Ruth	Millersburg, Ind.
Hostetler, Edith	Kendallville, Ind.
Hagey, Laura	South Bend, Ind.
Hertzler, Silas	Glenarm, Md.
Hooley, Mary	Cable, Ohio
Hostetler, Ernest	Topeka, Ind.
Hocker, Cora	Berne, Ind.
Hoover, Jonas	Kinzer, Pa.
Hudson, Robert	Goshen, Ind.
Hawblitzel, Edith	South Bend, Ind.
Jester, Flossie	South Bend, Ind.
Johnson, Sylvia Lloyd	Masontown, Pa.
King, Susie	Amboy, Ind.
Kellog, Veda	South Bend, Ind.
Kirby, Byron	South Bend, Ind.
Kauffman, Elnora	Goshen, Ind.
Landis, Melvin	Hesston, Kans.
Lantz, Fern	Topeka, Ind.
Lehman, Inez	Goshen, Ind.
Lehman, Cleo Marguerite	Middlebury, Ind.
Lowell, Samuel	Bristol, Ind.
Lantz, Blossom	Topeka, Ind.
March, Mile Leo	Chicago, Ill.
Miller, Adda	Kalona, Iowa
Miller, Cora	Auburn, Ind.
Miller, Ernest Edgar	Middlebury, Ind.
Miller, Gleta	Goshen, Ind.
Miller, Nellie	Osceola, Ind.
Miller, Payson	Shipshewana, Ind.

Morse, Bessie .....	South Bend, Ind.
Martin, Martha .....	Greencastle, Pa.
Nice, Susanna .....	Sterling, Ill.
Nusbaum, Hattie .....	Goshen, Ind.
Nusbaum, Lucretia .....	Goshen, Ind.
Olson, Ethel .....	South Bend, Ind.
Oswald, Walter .....	Charm, Ohio
Phillip, Iowa .....	Goshen, Ind.
Plank, Melvin .....	Topeka, Ind.
Pinkerton, Eloise .....	Milford, Ind.
Reith, Ruth .....	Goshen, Ind.
Roose, Galen .....	Nappanee, Ind.
Rodibaugh, Blanche .....	New Paris, Ind.
Rafflaub, Elsie .....	South Bend, Ind.
Richter, Elton .....	South Bend, Ind.
Rheubottom, Gladstone .....	Wakarusa, Ind.
Straw, Ethel .....	Goshen, Ind.
Summer, Benjamin .....	Metamora, Ill.
Smith, Ruth Frances .....	New Paris, Ind.
Smith, Lizzie .....	Collamer, Ind.
Slabaugh, Court .....	Cromwell, Ind.
Schrock, Charles Nelson .....	Goshen, Ind.
Stump, Boyd .....	New Paris, Ind.
Soldner, Grover .....	Berne, Ind.
Soldner, Dora .....	Berne, Ind.
Stiver, Ora .....	Nappanee, Ind.
Shoemaker, Charles Benjamin .....	Freeport, Ill.
Simmons, Knoble LaMar .....	Goshen, Ind.
Traster, Cletus .....	Milford, Ind.
Troyer, George .....	Kokomo, Ind.
Troyer, Glenn Leroy .....	Kokomo, Ind.
Thompson, Esther .....	South Bend, Ind.
Thomas, Paul .....	Goshen, Ind.
Thornton, Barton .....	Granger, Ind.
Thompson, Hazel .....	South Bend, Ind.
Thompson, Fern .....	Goshen, Ind.
Unzicker, Samuel Peter .....	Tuleta, Texas
Vance, Ruth .....	Millersburg, Ind.
Williams, Lawrence .....	Goshen, Ind.
Wenger, Florence .....	Wakarusa, Ind.
Weaver, John .....	LaGrange, Ind.
Weaver, Vinora Pearl .....	LaGrange, Ind.
Wilson, Margaret .....	Elkhart, Ind.
Ward, Virgie Mae .....	Syracuse, Ind.
Whitmer, Cleo .....	Wakarusa, Ind.
Wagner, Jane .....	Goshen, Ind.
Warye, Alma .....	West Liberty, Ohio
Yoder, Elizabeth .....	Goshen, Ind.

Yoder, Ivy .....	Shipshewana, Ind.
Yoder, Ellen .....	West Liberty, Ohio
Yoder, Fred .....	Shipshewana, Ind.
Yoder, Floyd .....	Shipshewana, Ind.
Yoder, Loney .....	Shipshewana, Ind.
Zook, Verda .....	Topeka, Ind.
Zuck, Elsie .....	Elkhart, Ind.
Ziegler, Curtis Clayton .....	North Lima, Ohio

**Correspondence Department.**

Alderfer, Henry .....	Franconia, Pa.
Bender, Savilla .....	Elk Lick, Pa.
Detweiler, Joseph .....	Newcastle, Pa.
Eby, Rhoda .....	Mt. Joy, Pa.
Gamber, Selena .....	Mannheim, Pa.
Gerber, Elias .....	Apple Creek, Ohio
Gottchall, Enos Detweiler .....	Souderton, Pa.
Garber, Lydia .....	Stryker, Ohio
Guth, A. D. ....	Los Angeles, Calif.
Heishman, Abram Geil .....	Broadway, Va.
Herr, Elmer .....	Holtwood, Pa.
Hertzler, Aldus .....	Norristown, Pa.
Kauffman, Eva .....	Topeka, Ind.
Kauffman, Glenn .....	Wakarusa, Ind.
Lapp, Christian Kauffman .....	Volant, Pa.
Litwiller, Simon .....	Hopedale, Ill.
Miller, David Zimmerman .....	Middletown, Pa.
Miller, Ernest .....	Middlebury, Ind.
Oswald, Walter .....	Charm, Ohio
Pletcher, Maggie .....	Nappanee, Ind.
Pletcher, Clifford .....	Wakarusa, Ind.
Rohrer, Ella .....	New Paris, Ind.
Rutt, Amanda ...	La Park, Pa.
Salzman, Elsie Mae.....	Graymount, Ill.
Smucker, Alvin Ray .....	Smithville, Ohio
Smucker, Clarence .....	Smithville, Ohio
Troyer, Glenn .....	Kokomo, Ind.
Treuschel, Alice .....	Elkhart, Ind.
Wilson, Margaret .....	Elkhart, Ind.
Yoder, Orus Ray .....	Goshen, Ind.
Yoder, Sarah .....	Barrs Mills, Ohio
Yordy, Ella .....	Eureka, Ill.

**Summary by Departments.**

College .....	78
Normal .....	19

Academy .....	73
Music .....	23
Business .....	35
Bible .....	31
Summer School .....	130
Correspondence ..	32
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Total .....	421

### Enrollment by States.

Indiana .....	247
Ohio ..	42
Illinois .....	25
Pennsylvania .....	29
Iowa .....	7
Maryland .....	4
Virginia .....	5
Colorado .....	4
Michigan .....	2
Nebraska .....	3
Ontario .....	3
Missouri .....	1
California .....	1
Kansas .....	2
Texas .....	1
India .....	2
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Total, no name counted twice .....	378

# ALUMNI ASSOCIATION

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Organized 1901—Incorporated 1911

## Officers.

J. M. Kurtz .....	President
W. W. Oesch .....	First Vice President
H. F. Reist .....	Second Vice-President
Mrs. N. E. Byers .....	Recording Secretary
Miss Anna Yoder .....	Corresponding Secretary
J. S. Yoder .....	Treasurer
Mrs. A. L. Gilliom .....	Historian

## Executive Committee.

J. M. Kurtz	W. W. Oesch	Mrs. N. E. Byers
J. S. Yoder		F. S. Ebersole

## Board of Directors.

Term Expires in 1913.

O. C. Yoder	Mrs. N. E. Byers	J. S. Yoder
	W. W. Oesch	

Term Expires in 1914.

J. M. Kurtz	S. E. Zook	F. S. Ebersole
	Elsie Byler	

Term Expires in 1915.

G. H. Rutt	W. B. Christophel	H. L. Stump
	Miss Anna Yoder	

Chicago (Branch) Alumni Association, Organized Nov. '06.

H. B. Weiler .....	President
Anna Autenreith .....	Vice-President
Mrs. R. J. Miller .....	Secretary-Treasurer
Jacob Rupp .....	Reporter



# ALUMNI

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ABBREVIATIONS: College (4 yrs.), C.; College (2 yrs.), c.; Latin-Scientific, L-S.; Academy, A.; Normal, N.; Bible, B.; Music, M.; Commercial, Com.; Oratory, O.; Stenographic, Sten.; Seminary, Sem.

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## Class of 1896.

Gingerich, Elizabeth (Jacobs), Com. .... Berlin, Ont.

## Class of 1898.

LeFevre, Emma (Byers), L-S. .... Goshen, Ind.  
Wright, Earnest, Com., Clerk Lake Shore Shops, Elkhart, Ind.

## Class of 1899.

Bodge, Chester A., Com. .... Elkhart, Ind.  
Conrad, David E., Com., Stenographer .... Chicago, Ill.  
Jacobs, Wellington K., Com., Osteopath .... Berlin, Ont.  
Levy, Jacob, Com. .... Elkhart, Ind.  
McConoughy, William, Com. .... Elkhart, Ind.  
Spurgeon, Oliver, Sten. .... Elkhart, Ind.  
Timmins, Laura, Sten. .... Elkhart, Ind.  
Yoder, Milo, Com. .... Elkhart, Ind.  
Zook, Frances (Oyer), N. .... Benzonia, Mich.

## Class of 1900.

Gingerich, Solomon F., Ph. D., N., Instructor in English  
Literature, Michigan University .... Ann Arbor, Mich.  
Good, Olivia (Honderich), Com. .... Cullom, Ill.  
Honderich, Samuel, N., Minister .... Cullom, Ill.  
Kulp, Hettie (Minniger), Com. .... Kansas City, Mo.  
Kurtz, Alta (Christophel), Com. .... Mishawaka, Ind.  
Lambert, Emma (Fanscher), Com. .... Lewisville, Ind.  
Lenhart, Sophia, Com., Stenographer .... Elkhart, Ind.  
Royer, Isaiah W., B., Minister .... Orrville, Ohio  
Shanower,, Jennie, Com., Office Work .... Elkhart, Ind.  
Steiner, John L., N., Supt. Schools .... Rawson, Ohio  
Steiner, Albert J., B., Bishop .... North Lima, Ohio  
Steiner, Menno L., Com., Machinist .... Fort Wayne, Ind.  
Stutzman, Ella (Hartzler), Com. .... West Liberty, Ohio

**Class of 1901.**

Bender, C. Edward, A.B., N., Supt. of Schools ..Oakland, Md.  
 Bergey, Amelia (Nahrgang), Sem. N. .... New Hamburg, Ont.  
 Berkey, Lavona (Ebersole), Sem. .... Goshen, Ind.  
 Brunk, Adeline V., Sem., Died Hadjin, Turkey, Dec. 11, 1906  
 Detweiler, Irvin R., A.B., L-S., Prof. New Test. and Missions  
     Goshen College ..... Goshen, Ind.  
 Ebersole, Frank S., L-S., Business ..... Goshen, Ind.  
 Good, Olivia (Honderich), L-S. .... Cullom, Ill.  
 Holdeman, Anna (Miller) Sem. .... Elkhart, Ind.  
 Kurtz, Jonathan M., A.M., L-S., Professor of Physical  
     Science, Goshen College ..... Goshen, Ind.  
 Moyer, Anthony C., Com., Business ..... Rush Lake, Sask.  
 Musselman, John S., N., Student, The Chicago Theological  
     Seminary ..... Chicago, Ill  
 Steiner, John L., L-S., Supt. of Schools .....Rawson, Ohio  
 Umble, John S., A.B., L-S., Instructor in High School, Akron, O.  
 Zook, Lina (Ressler), B. .... Scottdale, Pa.

**Class of 1902.**

Bergey, Amelia (Nahrgang), L-S. .... New Hamburg, Ont.  
 Blosser, C. Roy, M.D., N., Physician ..... Dunkirk, Ohio  
 Christophel, Anna E., Sem., Teacher ..... Goshen, Ind.  
 Christophel,, Walter B., M.D., L-S., Physician, Mishawaka, Ind.  
 Coffman, Fannie (Landis), L-S. .... Elkhart, Ind.  
 Detweiler, Irvin R., A.B., B., Prof. of New Test. and Mis-  
     sions, Goshen College ..... Goshen, Ind.  
 Gingerich, Solomon F., Ph.D., L-S., Instructor in English  
     Literature, Michigan University ..... Ann Arbor, Mich.  
 Hansacker, Edward E., N., Druggist ..... Eldorado, Ohio  
 Hansacker, Elizabeth (Baumgardner), N. .... Jenera, Ohio  
 Kurtz, Alta (Christophel), Sem ..... Mishawaka, Ind.  
 Landis, Bessie (Gerig), L-S. .... Goshen, Ind.  
 Lapp, George J., L-S., Student Goshen College .. Goshen, Ind.  
 Leaman, Barbara (Moore), Sten. .... Mt. Joy, Pa.  
 Malick, Catherine, N. .... South Bend, Ind.  
 Minnich, Lillie F., L-S., Teacher ..... Dale Enterprise, Va.  
 Rutt, Albert B., A.B., L-S., Minister ..... Chicago, Ill.  
 Shafer, Pearl R., Sten. .... Elkhart, Ind.  
 Shertz, Lydia B., Missionary ..... Dhamtari, India  
 Stutzman, Lydia (Miller), L-S. .... Chicago, Ill.  
 Williams, Fred, Sten. .... Elkhart, Ind.  
 Yoder, Orie C., Ph.B., M.D., L-S., Physician ..... Peru, Ill.  
 Zook, Bertha (Detweiler), L-S. .... Goshen, Ind.

Zook, David B., Ph.B., L-S., Instructor in High School  
 ..... Akron, Ohio  
 Zook, Frances (Oyer), L-S. .... Benzonia, Mich.

### Class of 1903.

Bentz, Cora (Zook), Sten. .... Belleville, Pa.  
 Berkey, Della (Rutt), Sem. .... Elkhart, Ind.  
 Bush, Ellen, Sten., Stenographer .... Elkhart, Ind.  
 Christophel, Wesley, Com. .... Elkhart, Ind.  
 Cooper, Anna, Sten., Stenographer .... Elkhart, Ind.  
 Greenwalt, Lulu (Reist), L-S. .... Scottdale, Pa.  
 Gehman, William S., Com., Business .... Elkhart, Ind.  
 Hartzler, John M., L-S., Minister .... Long Green, Md.  
 Hartzler, Simon C., N., Agriculturalist .... Wakarusa, Ind.  
 Holdeman, Anna (Miller) B. .... Elkhart, Ind.  
 Honderich, Samuel, L-S., Minister .... Cullom, Ill.  
 Kohl, Almira, Sten., Stenographer .... Elkhart, Ind.  
 Landis, Jacob C., Com., Business .... Elkhart, Ind.  
 Landis, Lena (Zook), Sem. .... Akron, Ohio  
 Miller, Samuel T., M.D., N., Physician .... Elkhart, Ind.  
 Nunemaker, Samuel, Com. .... Hastings, Neb.  
 Rutt, Guy H., A.B., L-S., Business .... Elkhart, Ind.  
 Shantz, Cora, A., N. .... Elkhart, Ind.  
 Senger, Henry W., Com., Expressman .... Elkhart, Ind.  
 Weldy, Leander A., L-S., Miller .... Wakarusa, Ind.  
 Yoder, Lucinda (Kropf), Sem. .... Goshen, Ind.  
 Yoder, Mamie (Hartzler), L-S. .... Elkhart, Ind.

### Class of 1904.

Bender, C. Edward, A.B., c., Supt. of Schools, Oakland, Md.  
 Blosser, Catherine (Hilty), B. .... Nampa, Idaho  
 Coffman, Fannie (Landis), c. .... Elkhart, Ind.  
 Cripe, Lettie, Sten., Stenographer .... Goshen, Ind.  
 Ebersole, Frank S., c., Business .... Goshen, Ind.  
 Greenwalt, Lulu (Reist), c. .... Scottdale, Pa.  
 Hartzler, John E., A.B., B.D., c., Dean of Bible School and  
 Prof. of Bible, Goshen College .... Goshen, Ind.  
 Hess, A. Metzler, A.M., A., Agriculturalist, Shiremanstown, Pa.  
 Jacobs, Wellington K., M., Osteopath .... Berlin, Ont.  
 Kauffman, Anna H. (Hess), A.M., c. ... Shiremanstown, Pa.  
 Kulp, Ella (Gehman), Sem. .... Elkhart, Ind.  
 Kulp, Nancy (Gilliom), c., .... Ann Arbor, Mich.  
 Kurtz, Lydia (Smucker), A. .... Smithville, Ohio  
 \*Lehman, M. Clifford, c., Missionary .... Dhamtari, India  
 Prah, Delia, Sten. .... Goshen, Ind.

\*In America on furlough.

Ramseyer, Alvin C., A., Agriculturalist ..... Smithville, Ohio  
 Reiggle, Sabina E., M., deceased.  
 Reist, H. Frank, c., Editor "Christian Monitor", Scottdale, Pa.  
 Rutt, Albert B., A.B., c., Minister ..... Chicago, Ill.  
 Rutt, Eli J., A.M., c., Instructor in High School .....  
 ..... Bellefontaine, Ohio  
 Rutt, Guy H., A.B., c., Business ..... Elkhart, Ind.  
 Wenger, John, Com., Agriculturalist ..... Goshen, Ind.

### Class of 1905.

Autenreith, Anna, Sem., Professional Nurse ... Chicago, Ill.  
 Blosser, Christian B., A.B., A., Professor of Biological  
 Sciences, Goshen College ..... Goshen, Ind.  
 Brenneman, Blanche (Ebersole), Sem ..... Minneapolis, Minn.  
 Ebersole, Amanda, N. .... Sterling, Ill.  
 Ebersole, Reuben R., c. .... Akron, Ohio  
 Esch, Christian D., M.D., A., Missionary ..... Dhamtari, India  
 Holderman, Edna (Fromm), A.B., c .....  
 ..... Koetzschenbroda, Saxony, Germany  
 Lawrence, Henry, Com., Bookkeeper ..... Mishawaka, Ind.  
 \*Leichty, Lydia (Lehman), c., Missionary .... Dhamtari, India  
 Miller, Samuel T., M.D., A., Physician ..... Elkhart, Ind.  
 Musselman, Ella, Sem., Professional Nurse .... Intercourse, Pa.  
 Reed, Homer B., Ph.D., A., Business ..... Hammond, Ind.  
 Schertz, Louis C., A., Agriculturalist ..... Roanoke, Ill.  
 Schertz, Ellen (Schertz), Sem. .... Roanoke, Ill.  
 Smucker, Boyd D., M.O., O., Director School of Oratory, Go-  
 shen College ..... Goshen, Ind.  
 Stutzman, Lydia (Miller), c. .... Chicago, Ill.  
 Stutzman, Jesse, A.B., c., Prin. of High School, Markleville, Ind.  
 Trautwein, Clara, A.B., c., Instructor in High School ....  
 ..... Goshen, Ind.  
 Umble, John S., A.B., c., Instructor in High School, Akron, Ohio  
 Wenger, Ella, Sem., ..... Elkhart, Ind.  
 Whitmer, Paul E., A.B., D.B., c., Professor of English, Go-  
 shen College ..... Goshen, Ind.  
 Yoder, Carrie (Blosser), N. .... Goshen, Ind.  
 Yoder, Mary E., Sem. .... Wooster, Ohio  
 Yoder, Jonathan S., L.L.B., c., Attorney ..... Goshen, Ind.  
 Zook, Samuel E., A.B., A., Instructor in High School ....  
 ..... Lafayette, Ind.

### Class of 1906.

Brenneman, Clark S., Com., Cashier ..... Warsaw, Ind.

\*In American on furlough.

Brenneman, Jesse L., Ph.B., c., Student University of Wisconsin ..... Madison, Wis.  
 Byler, John I., A., Missionary ..... Toronto, Can.  
 Ebersole, J. Frank, A.M., c., Assistant Professor of Economics, University of Minnesota ..... Minneapolis, Minn.  
 Ebersole, Mary (Smucker), A. .... Goshen, Ind.  
 Eash, Christian D., M.D., c., Missionary .... Dhamtari, India  
 Hess, A. Metzler, A.M., c., Agriculturalist, Shiremanstown, Pa.  
 Hess, Evan M., A., Business ..... South Bend, Ind.  
 Holmes, Lawrence B., Com., A., Business ..... Oswego, Ore.  
 Kauffman, Beulah (Gingerich), A.B., c. .... Ann Arbor, Mich.  
 Rupp, Arthur K., A., Student Oberlin College.... Oberlin, Ohio  
 Shank, Josephus W., A.B., A. .... LaJunta, Colo.  
 Strunk, Eva (Hess), A. .... Shiremanstown, Pa.  
 Summer, Peter D., A., Dental Student, University of Illinois ..... Chicago, Ill.  
 Zook, Purl R., A., Business ..... Goshen, Ind.  
 Zook, Samuel E., A.B., c., Instructor in High School....  
 ..... Lafayette, Ind.

### Class of 1907.

Barry, Maude E., c., Teacher ..... Plymouth, Ind.  
 Bergey, Amelia (Nahrgang), c. .... New Hamburg, Ont.  
 Blosser, Christian B., A.B., c., Professor Biological Sciences  
 Goshen College ..... Goshen, Ind.  
 Brenneman, Blanche (Ebersole), A. .... Minneapolis, Minn.  
 Brenneman, J. D., A., Bookkeeper ..... Wellman, Iowa  
 Christophel, Martha, A. .... Wakarusa, Ind.  
 Landis, David M., A.B., c. .... Lancaster, Pa.  
 Powell, Lewis J., Com., Business ..... South English, Iowa  
 Reed, Homer B., Ph.D., c., Business ..... Hammond, Ind.  
 Stutzman, Harvey N., Com., Business ..... Elkhart, Ind.

### Class of 1908.

Bemenderfer, Samuel, Sten., Business ..... Goshen, Ind.  
 Brunk, Aldine C., A.B., A., Missionary ..... Dhamtari, India  
 Byler, Elsie, A.B., c., Instructor in English, Bethel College  
 ..... Newton, Kan.  
 Drange, Elsie (Kauffman), B., Missionary .... Dhartari, India  
 Ebersole, Wm., C., A.B., c., Business ..... Akron, Ohio  
 Garber, Elva (Oesch), c. .... Garden, City, Mo.  
 Good, Harry G., A.B., c., Instructor in High School .....  
 ..... Philadelphia, Pa.  
 Good, Susan (Reed), B. .... Goshen, Ind.  
 Greenwalt, Elva W., c., Business ..... Goshen, Ind.

Hauder, Peter A., A., Agriculturalist ..... Garden City, Mo.  
 Jenkinson, Margaret (Stauffer), ..... Chicago, Ill.  
 Kauffman, Adah A., Teacher ..... Mishawaka, Ind.  
 Kauffman, Delta M., c., Student Michigan University ....  
 ..... Ann Arbor, Mich.  
 Landis, Elwood, Com., Agriculturalist ..... Goshen, Ind.  
 Lehman, Esther, A., Preceptress and Instructor in History  
 and English ..... Hesston, Kans.  
 Miller, William H., B., Agriculturalist ..... Kalona, Iowa  
 Nunemaker, Walter, A., Student Goshen College, Goshen, Ind.  
 Reiger, Aaron J., A.B., A., Principal of Preparatory School  
 ..... Mountain Lake, Minn.  
 Rupp, Fannie B., A.B., A., Teacher ..... Archbold, Ohio  
 Rupp, Arthur K., c., Student Oberlin College .... Oberlin, Ohio  
 Shank, Josephus W., A.B., c., ..... LaJunta, Colo.  
 Warye, Maude (Good), A. .... Philadelphia, Pa.  
 Weller, Harry B., A., Student Northwestern University  
 ..... Chicago, Ill.  
 Yoder, Mabelle (Hostettler), c. .... Grabill, Ind.  
 Yoder, Mamie (Hartzler) c. .... Elkhart, Ind.  
 Zook, Purl R., c., Business ..... Goshen, Ind.

### Class of 1909.

Albrecht, Lena, A. .... Tiskilwa, Ill.  
 Blosser, Lesse, M. .... Rawson, Ohio  
 Burkhard, Samuel, A.M., c., Instructor in Manual Training  
 ..... Cleveland, Ohio  
 Christophel, Anna E., A. .... Goshen, Ind.  
 Conrad, Fred, A.B., A., Student Indiana University ....  
 ..... Bloomington, Ind.  
 Davenport, Gertrude, A., Teacher ..... Goshen, Ind.  
 Detweiler, Reuben A., Principal High School, Shipshewana, Ind.  
 Driver, David A., A.B., A., Principal of High School, Scott, Ind.  
 Debow, John L., Com., deceased.  
 Ebersole, Frances E., A., Instructor in English, Goshen  
 College ..... Goshen, Ind.  
 Fisher, Mary, A., Student Goshen College .... Goshen, Ind.  
 Gilliom, Etta A., A. .... Garden City, Mo.  
 Hauch, Elizabeth, c., ..... Mechanicsburg, Pa.  
 Hershey, Emma (Shank), A.B., c. .... LaJunta, Colo.  
 Herr, Jacob O., A., Business ..... Lititz, Pa.  
 Kauffman, Norah, A., Student Goshen College .... Goshen, Ind.  
 Metzler, Elmer, M. .... North Lima, Ohio  
 Nafziger, Samuel O., Com., Business ..... Goshen, Ind.  
 Plank, Carrie (Greenwalt), A. .... Goshen, Ind.  
 Plank, John S., A., Stenographer ..... Chicago, Ill.  
 Priser, Fred, Com., Bookkeeper ..... Elkhart, Ind.



Rickert, Margaret (Johns), A. .... Goshen, Ind.  
 Risser, Clarence, M. .... Washington, Ill.  
 Scoles, LeRoy, A., Student Winona College, Winona Lake, Ind.  
 Smoker, Roy S., Student Mich. Agricultural College....  
 ..... Lansing, Mich.  
 Stamm, Gustav, M. .... Archbold, Ohio  
 Steiner, Elvina, M. .... Bluffton, Ohio  
 Stump, Harvey L., A.B., c., Professor of English, Bethel  
 College ..... Newton, Kans.  
 Treuschel, Alice, A., Teacher ..... Elkhart, Ind.  
 Weaver, Joel, Com. .... Goshen, Ind.  
 Yoder, Crissie, c., Student Goshen College ..... Goshen, Ind.  
 Yoder, J. Miller, A., Student Goshen College....Goshen, Ind.  
 Yoder, Joseph D., c., Business ..... Philadelphia, Pa.  
 Zook, Samuel A., A.B., c., Supt. of Schools .... Belleville, Pa.

### Class of 1910.

Blosser, Willard A., A., Student Goshen College, Goshen, Ind.  
 Bontrager, Alma D., A. .... Sturgis, Mich.  
 Bontrager, Joanna A., Teacher ..... Kalona, Iowa  
 Brown, Noble, Com., Bookkeeping ..... Goshen, Ind.  
 Brunk, John C., A., M., Supervisor of Music, Effingham, Kan.  
 Cart, Georga (Detweiler), A. .... Shippshewana, Ind.  
 Coopridger, Florence V., A., Medical Student University of  
 Illinois ..... Chicago, Ill.  
 Davenport, Pearl A. .... Goshen, Ind.  
 DeCamp, Ella M., M., Private Instructor in Music, Elkhart, Ind.  
 Detweiler, Reuben R., O., Principal of High School .....  
 ..... Shippshewana, Ind.  
 Ebersole, Benjamin S., A., Teacher ..... Morrison, Ill.  
 Fisher, John J., A., Student Goshen College .... Goshen, Ind.  
 Gilliom, Arthur L., A., O., Student University of Michigan  
 ..... Ann Arbor, Mich.  
 Hartzler, John E., A.B., B.D., C., Dean of Bible School and  
 Prof. of Bible, Goshen College ..... Goshen, Ind.  
 Hoover, Anna, A. .... Goshen, Ind.  
 Landis, Menno C., A. .... Goshen, Ind.  
 Ligo, Ida L., A., Student Westminster College, Volant, Pa.  
 LeFevre, Lydia, A., Missionary ..... Chicago, Ill.  
 Miller, Levi S., A. .... Wayland, Iowa  
 Myers, E. E., Com., Bookkeeper ..... Nappanee, Ind.  
 Oesch, William W., A.B., C., Agriculturalist, Garden City, Mo.  
 Overlease, Cecil, Com. .... Milford, Ind.  
 Ramer, Mary, A. .... Versailles, Mo.  
 Shank, Charles L., A., Student Goshen College..Goshen, Ind.  
 Shank, Josephus W., A.B., C. .... LaJunta, Colo.  
 Shellenberger, Adam, Com., Bookkeeper .... Indianapolis, Ind.  
 Showalter, Marguerite (Conrad), O. .... Bloomington, Ind.

Smoker, Jay J., Teacher ..... Goshen, Ind.  
 Smoker, Wilma (Hauder), A. .... Garden City, Mo.  
 Stout, Alvie, A., Student Purdue University.. Lafayette, Ind.  
 Stump, Harvey L., A.B., C., Professor of English, Bethel  
 College ..... Newton, Kans.  
 Sunthimer, Charles E., A., Teacher ..... Goshen, Ind.  
 Weaver, Myrtis, A. .... Goshen, Ind.  
 Wenger, Levi J., A., Agriculturalist ..... Smithville, Ohio  
 Yoder, Charles D., c., Agriculturalist ..... Topeka, Ind.  
 Yoder, Frank, Com., Business ..... Slidell, Iowa  
 Yoder, George C., A. .... Goshen, Ind.  
 Yoder, Minnie, A. .... Goshen, Ind.  
 Yoder, Ira D., Student Cornell University ..... Ithaca, N. Y.  
 Zeigler, Curtis C., A., Student Goshen College .. Goshen, Ind.  
 Zook, Samuel A., A.B., Supt. of Schools ..... Belleville, Pa.

### Class of 1911.

Albrecht, Alma A., A. .... Tiskilwa, Ill.  
 Bontrager, Sylvia, M., Instructor in Piano, Goshen College  
 ..... Goshen, Ind.  
 Brunk, Jacob B., A., Minister ..... Bluffton, Ohio  
 Burkhard, Samuel, A.M., C., Instructor in Manual Train-  
 ing ..... Cleveland, Ohio  
 Byler, Elsie, A.B., C., Instructor in English Bethel College  
 ..... Newton, Kans.  
 DeCamp, Clara, M., Instructor in Music ..... Ashley, Ind.  
 Detweiler, Irvin R., A.B., C., Professor of New Test. and  
 Missions Goshen College ..... Goshen, Ind.  
 Detweiler, Margaret, A., Student Goshen College, Goshen, Ind.  
 Ebersole, Ruth R., A.B. C., Asst. Prin. of High School ....  
 ..... Doylestown, Ohio  
 Elliott, Fern, A. .... Goshen, Ind.  
 Esch, Benjamin T., O., Agriculturalist .... Washington, Ill.  
 Hostetler, Lester, A., Student Goshen College .. Goshen, Ind.  
 Hostetler, Rossie M., A.B., C., Teacher ..... Nappanee, Ind.  
 Martin, Meta E., A., Teacher ..... Wakarusa, Ind.  
 Metzler, Edna F., A.B., C., Prin. High School, Doylestown, Ohio  
 Miller, Adda, O., Teacher ..... Wayland, Iowa.  
 Miller, Mabel (Kurtz) A.B., C., ..... Goshen, Ind.  
 Miller, Alvin J., A.M., C., Supt. of Schools .... Wakarusa, Ind.  
 Rohrer, Mary (Yoder), A. .... Goshen, Ind.  
 Smucker, Vernon, A., Student Goshen College .. Goshen, Ind.  
 Stutzman, Jesse, A.B., C., Prin. of High School, Markelville, Ind.  
 Walker, Alfred R., A., Student Goshen College .. Goshen, Ind.  
 Weaver, Samuel E., A.B., C., Supt. Schools, Shipshewana, Ind.  
 Weybright, Edith, A. .... Syracuse, Ind.  
 Yoder, Floyd R., A., ..... Akron, Ohio  
 Yoder, Noble, Com., Agriculturalist ..... Goshen, Ind.

## Class of 1912.

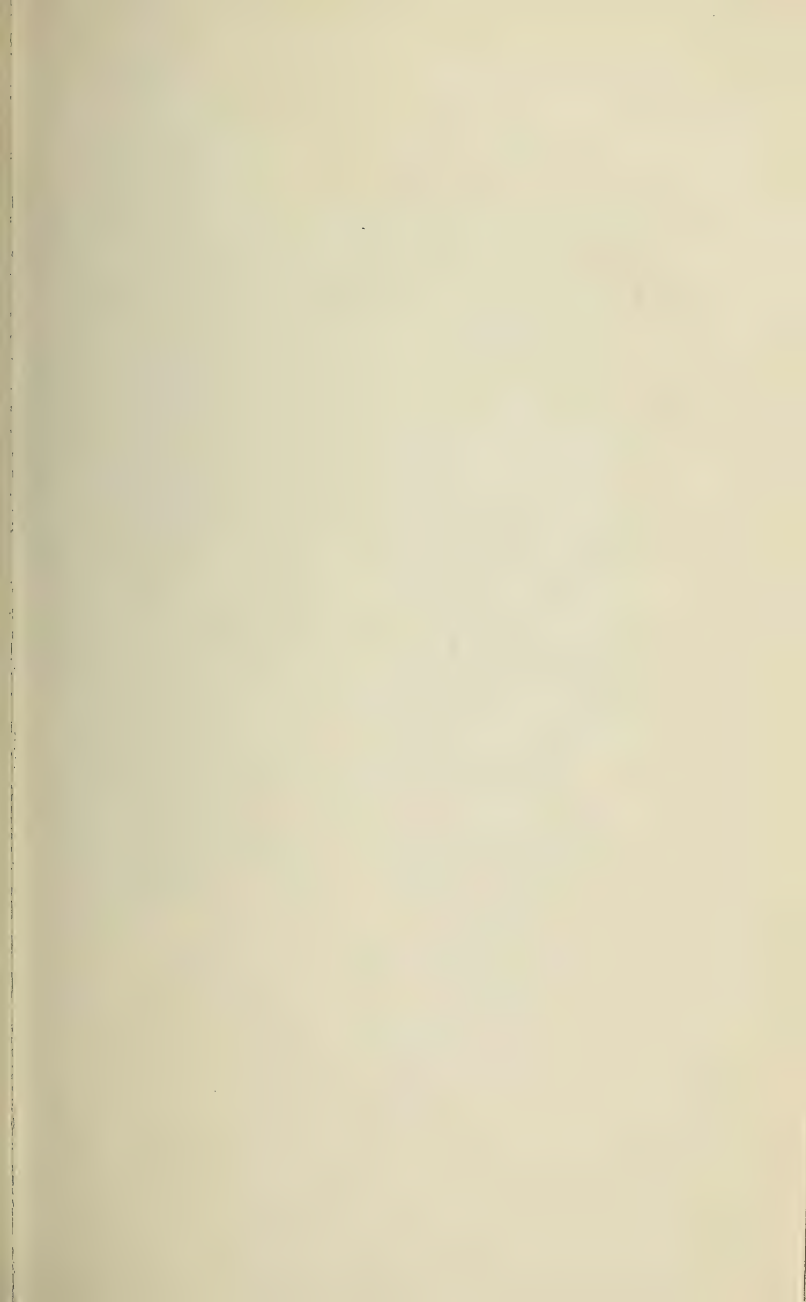
Boomershine, Charles, A., Electrician ..... Millersburg, Ind.  
 Brunk, Aldine C., A.B., C., Missionary ..... Dhamtari, India  
 Burkhard, Henry, A., Student Goshen College, Goshen, Ind.  
 Christophel, Allen, A., Teacher ..... Wakarusa, Ind.  
 Conrad, Fred A., A.B., C., Student Indiana University ....  
 ..... Bloomington, Ind.  
 DeCamp, Clara L., M., Instructor in Music ..... Ashley, Ind.  
 Driver, David A., A.B., C., Prin. of High School .. Scott, Ind.  
 Ebersole, Amos S., A., Student Goshen College.. Goshen, Ind.  
 Ebersole, William C., A.B., C., Business ..... Akron, Ohio  
 Eby, Alta M., A.B., C., Instructor Hesston Academy ....  
 ..... Hesston, Kans.  
 Eby, Mrs. Charlotte, A. .... Goshen, Ind.  
 Gordon, Rubye, A., Teacher ..... Harlowton, Mont.  
 Gordon, Walter E., A.B., C., Supt of Schools, Harlowton, Mont.  
 Haarer, Mrs. Fannie, A. .... Goshen, Ind.  
 Haney, Charles L., A., Student Goshen College, Goshen, Ind.  
 Holdeman, Arthur E., A. .... Goshen, Ind.  
 Hostetler, Ruth, A. .... Millersburg, Ind.  
 Johnson, Sylvia L., A., Student Goshen College, Goshen, Ind.  
 Landis, Mary F., A. .... Goshen, Ind.  
 Landis, Ruth W., A., ..... Goshen, Ind.  
 Miller, Adda L., A., Teacher ..... Wayland, Iowa  
 Miller, Louis, A., Student Goshen College .... Goshen, Ind.  
 Mullet, Ezra S., A., Minister ..... Nappanee, Ind.  
 Nafziger, Olive V., A., Music Teacher ..... Wayland, Iowa  
 Reed, Charles E., A., Student Goshen College..Goshen, Ind.  
 Rogers, Alvin, A., Student Goshen College.... Millersburg, Ind.  
 Rupp, Fannie B., A.B., C., Teacher ..... Archbold, Ohio  
 Rupp, Jacob R., A.B., C., Medical Student, University of  
 Chicago ..... Chicago, Ill.  
 Rupp, Harmon R., A.B., C., Agriculturalist.. ..Archbold, Ohio  
 Russel, Elcy M., A., Student Goshen College .... Goshen, Ind.  
 Schrock, Charles N., A., deceased.  
 Shank, Fannie P., A., Student Goshen College..Goshen, Ind.  
 Shidler, Ira J., A., Student Goshen College ..... Goshen, Ind.  
 Shoemaker, Charles B., A., Teacher ..... Freeport, Ill.  
 Soldner, Zilla R., M., Student Bluffton College..Bluffton, Ohio  
 Summer, Benjamin, A., Business ..... Metamora, Ill.  
 Troyer, Sana, A., Student Goshen College ..... Goshen, Ind.  
 Unzicker, Samuel P., A., Student Winona College, Winona, Ind.  
 Vance, Ruth, A. .... Millersburg, Ind.  
 Wolf, Elta, A., Student Goshen College ..... Goshen, Ind.  
 Yoder, Anna, A.B., C., Teacher ..... Goshen, Ind.  
 Yoder, Orus R., A., Student Goshen College .... Goshen, Ind.

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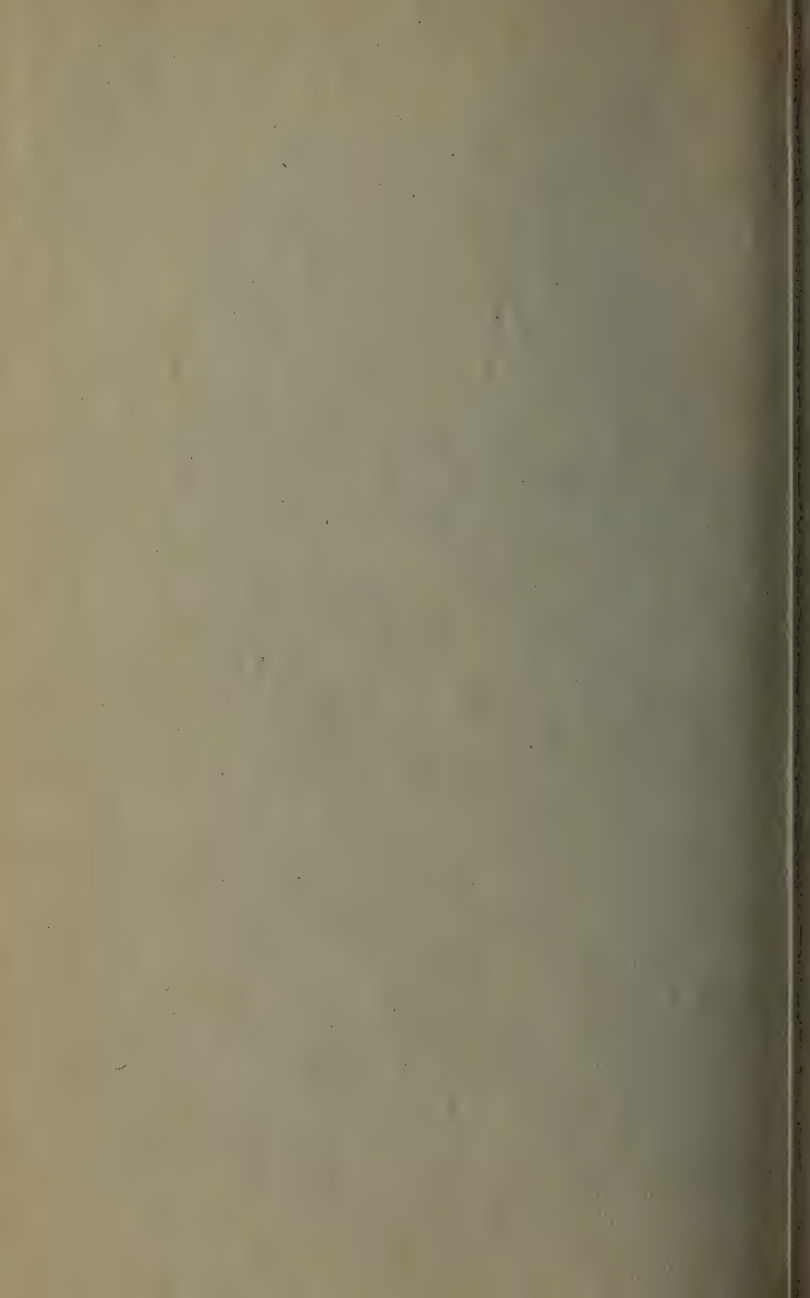
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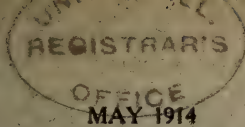


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Volume IX



Number II

BULLETIN

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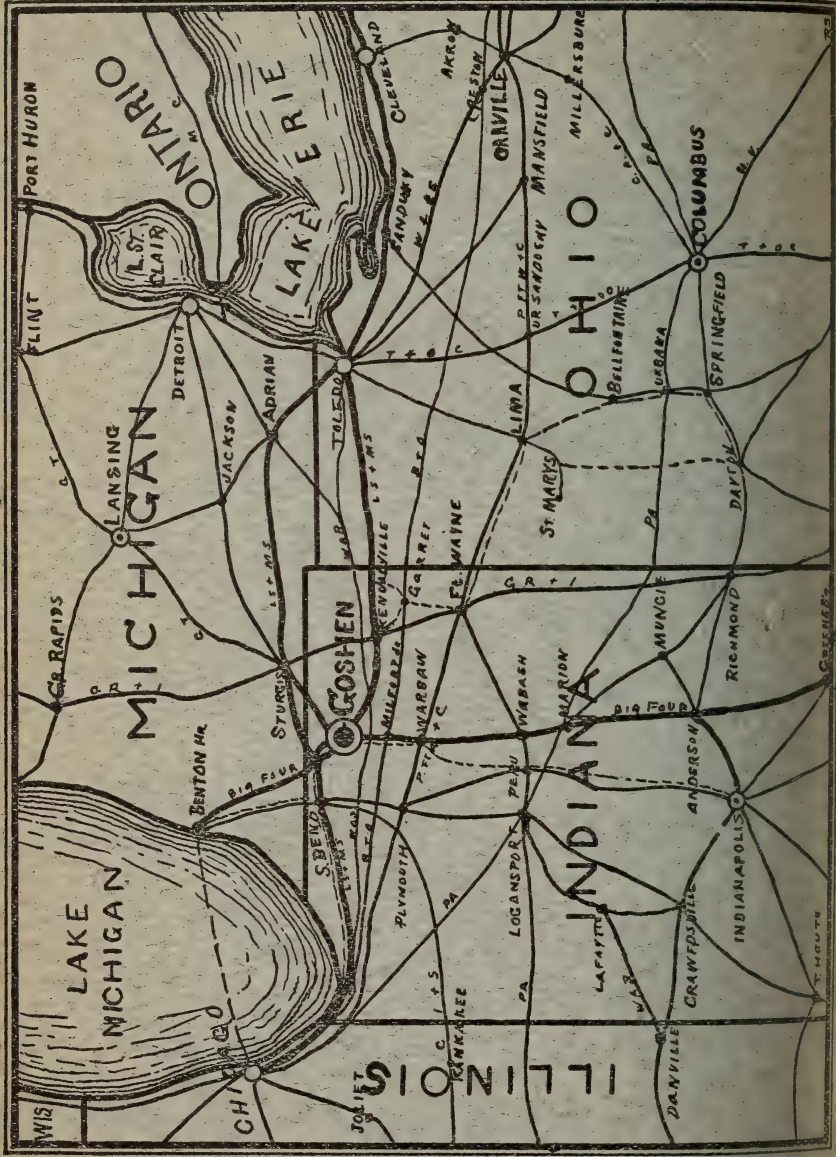
GOSHEN COLLEGE



Annual Catalogue



GOSHEN, INDIANA



1913—CATALOGUE—1914

# GOSHEN COLLEGE



GOSHEN, - INDIANA

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ANNOUNCEMENTS

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FOR

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1914—1915

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*Entered as second-class matter February 22, 1906, at the postoffice at  
Goshen, Ind., under act of Congress of July 16, 1904.*

*Issued six times per year.*



# CALENDAR

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## 1914

Baccalaureate Sermon .....	June 7
Music and Oratory Exercises .....	June 9
Alumni Day .....	June 10
Class Day .....	June 11
Commencement Exercises .....	June 12
Summer School Opens .....	June 1
Summer School Closes .....	August 21
Fall Term Opens .....	September 2
Fall Term Closes .....	December 2
Winter Term Opens .....	December 3
Special Bible Term Opens .....	December 3
Christmas Vacation .....	Dec. 23 to Jan. 4

## 1915

Special Bible Term Closes .....	January 14
Winter Term Closes .....	March 5
Spring Term Opens .....	March 8
Mid-Spring Term Opens .....	April 26
Peace Day .....	May 18
Baccalaureate Sermon .....	May 23
Music and Oratory Exercises .....	May 25
Alumni Day .....	May 26
Class Day .....	May 27
Commencement Day .....	May 28
Summer School Opens .....	May 31
Summer School Closes .....	August 20
Fall Term Opens .....	September 8
Fall Term Closes .....	December 1

# CALENDAR

1914

1915

1915

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S M T W T F S

## SEPTEMBER

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## FEBRUARY

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## JUNE

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## APRIL

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25 26 27 28 29 30

## AUGUST

1 2 3 4 5 6 7

8 9 10 11 12 13 14

15 16 17 18 19 20 21

22 23 24 25 26 27 28

29 30 31

# CORPORATION

---

## MENNONITE BOARD OF EDUCATION

### Term Expires in 1914

D. D. Miller	Middlebury, Ind.
E. S. Hallman	Goshen, Ind.
Aaron Loucks	Scottdale, Pa.
C. P. Yoder	Goshen, Ind.
Joseph Bechtel	Philadelphia, Pa.
J. M. Kreider	Palmyra, Mo.

### Term Expires in 1915

D. J. Johns	Goshen, Ind.
H. F. Reist	Scottdale, Pa.
J. S. Shoemaker	Freeport, Ill.
J. P. Bontrager	Albany, Ore.
Daniel Eshleman	Smithburg, Md.

### Term Expires in 1916

D. A. Yoder	Elkhart, Ind.
D. S. Yoder	Bellefontaine, Ohio
S. F. Coffman	Vineland, Ont.
Aaron Wall	Mountain Lake, Minn.
D. G. Lapp	Roseland, Neb.
A. L. Hess	Hesston, Kan.

### Term Expires 1917

J. S. Hartzler	Goshen, Ind.
I. R. Detweiler	Goshen, Ind.
John Blosser	Rawson, Ohio
J. J. Fisher	Kalona, Iowa
A. D. Wenger	Fentress, Va.
D. N. Lehman	Millersville, Pa.

J. E. Hartzler, President of Goshen College.

P. E. Whitmer, Dean of Goshen College.

D. H. Bender, Principal of Hesston Academy.

T. M. Erb, Business Manager of Hesston Academy.

## STANDING COMMITTEES OF THE BOARD.

---

### EXECUTIVE

John Blosser, President	D. G. Lapp, Vice-President
D. D. Miller, Secretary	J. S. Hartzler, Treasurer

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### Auditing

I. R. Detweiler	L. S. Nafziger
A. R. Zook	

---

## COMMITTEES FOR GOSHEN COLLEGE

---

### Executive

J. E. Hartzler, Chairman

E. S. Hallman	L. S. Nafziger	F. S. Ebersole
J. S. Hartzler	P. E. Whitmer	

### Faculty

D. J. Johns, Chairman

J. M. Krieder	A. D. Wenger
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### Religious Welfare.

J. S. Shoemaker, Chairman

Daniel Kauffman	Aaron Loucks
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### Auditing.

D. S. Yoder, Chairman

J. R. Detweiler	L. S. Nafziger
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# FACULTY

---

## **JOHN E. HARTZLER, A.B., D.B., President.**

Graduate of Goshen College, 1904; student, McCormick Seminary, 1907-1909; A.B. Goshen College, 1910; D.B. Union Seminary, 1910; ordained minister, 1904; Pastor Prairie Street Mennonite Church, Elkhart, Indiana, 1910-13; Instructor, Special Bible Term, Goshen College; 1910-11; Dean of Bible School and Professor of Bible, 1912-; President 1913-

## **PAUL E. WHITMER, A.B., D.B., Dean.**

Graduate of Goshen College, 1905; A.B., Oberlin College, 1907; D.B., Oberlin Seminary, 1908; graduate student in English, The University of Chicago, summer of 1911, and University of Michigan, 1912; ordained minister, 1901; Instructor, Goshen College, 1908-09; Professor of Bible, 1909-11; Professor of English, 1911-; Dean of College, 1913-

## **JONAS S. HARTZLER.**

Student, Cook County Normal, 1898, and Wooster University, 1899; ordained minister, 1881; Instructor, Elkhart Institute, 1895-1903; Instructor Goshen College, 1903-05; traveled in Oriental and missionary lands, 1910-11; Dean of Bible School, 1905-1912; Treasurer Board of Education.

## **DANIEL S. GERIG, A.B., Registrar.**

Student, Smithville Normal School, 1893-94; Instructor, Elkhart Institute, 1899-1902; Instructor Wooster University, summer 1903; A.B., Wooster University, 1904; graduate student in German and Latin, The University of Chicago, summers of 1904 and 1908; Instructor, Goshen College, 1904-05; traveled in Europe summer of 1912; Professor of German, 1905-

## **EPHRAIM J. ZOOK, A.M., Librarian.**

B.S., Ohio Normal University, 1897; Principal, schools of Canaan and Rittman, Ohio, 1897-99; Ph.B., Wooster University, 1901; Instructor Elkhart Institute, 1901-03; Instructor Goshen College, 1903-04; A.M., The University of Chicago, 1905; Graduate student, The University of Chicago, summers of 1905, '08, '13; Graduate Indiana School for Librarians, 1906; Professor of Greek and Latin, 1905-

## **JONATHAN M. KURTZ, A.M.**

Student, Ohio Normal University, 1896; Instructor, Elkhart Institute, 1902-03; Instructor Goshen College, 1903-04; A.B.,

Oberlin College, 1905; Scholar in Chemistry, Oberlin College, 1905-06; A.M., Oberlin College, 1906; graduate student, The University of Chicago, summers of 1909, '10, '11 and '12; Professor of Physical Sciences, 1906-

#### **DANIEL A. LEHMAN, A.M.**

Graduate of First Pennsylvania State Normal 1889; Ph.B., Wesleyan University (Conn.), 1893; graduate student, The University of Chicago, 1893-95; Principal of Academy, University of the Pacific, (Cal.) 1895-98; Student Lick Observatory, summer of 1898; Professor of Mathematics, Baldwin University, (O.) 1898-1902; A.M., Western Reserve University, 1903; Instructor Missouri State Normal, 1903-05; Instructor, University of Wisconsin, 1905-06; graduate student University of Michigan, summers, 1908-09; Columbia University, 1910; and The University of Chicago, 1912; Professor of Mathematics and Astronomy, 1906-

#### **CHRISTIAN B. BLOSSER, A.B.**

Student, Ohio Normal University, 1898-1900; graduate of Goshen College, 1907; Instructor Goshen College, 1907; Assistant in Zoology, Indiana University, 1908-09; A.B., Indiana University, 1909; Instructor of Biological Sciences, Goshen College, 1909-10; Professor of Biological Sciences, 1910-

#### **IRVIN R. DETWEILER, A.B.**

Graduate of Bible School, Elkhart Institute, 1902; Missionary to India, 1902-04; ordained minister, 1905; Student, Bethany Bible School, 1907-09; Field Secretary, Mennonite Board of Mission and Charities, 1906-; A.B. Goshen College, 1911; graduate student The University of Chicago, summers of 1912, '13 and '14; Instructor in Bible 1909-12; Professor of New Testament and Missions, 1912-

#### **JOHN E. WINTER, A.M.**

A.B., Hope College, 1902; A.B., University of Michigan, 1906; Instructor, Northwestern Classical Academy, Orange City, Iowa, 1906-08; graduate student University of Michigan, summers of 1906, '07, '08 and '10; A.M. University of Michigan, 1910; Superintendent of Schools, Cass City, Michigan, 1908-11; Instructor, Central State Normal School, Mt. Pleasant, Michigan, summer of 1911; Fellow in Education, Philosophy and Psychology, University of Michigan, 1911-13; Professor of Philosophy and Education, 1913-

#### **WILLIAM B. WEAVER, A.B.**

Assistant in History, Goshen College, 1912-14; A.B., Goshen College, 1914; graduate student, Indiana University, spring and



summer of 1914; candidate for A.M. degree, Indiana University; Instructor in History, 1914-

**\*JOHN D. BRUNK.**

Student New England Conservatory of Music, Boston; American Conservatory, Chicago; studied with the following teachers; F. Addison Porter, B. Cutter, S. W. Cole, Louis C. Elson, C. A. White, Sig. Mattaili, J. A. Gantvoort, Gertrude Grosscup-Perkins, Walton Perkins, Adolph Weidig; Director of Music, West Central Academy, 1907-1910; Principal Piano Department Bridgewater College, 1900-05; Director School of Music, 1906-

**AMOS S. EBERSOLE.**

Student Lebanon Normal, 1907-08; private teacher of Music, 1910-13; graduate Music Teachers' Course, Goshen College; Student American Conservatory and private student of D. A. Clippenger, Chicago, summer of 1913; Acting Director School of Music, Goshen College, 1913-14; student of Ralph Leech Sterner and S. Reid Spencer, New York School of Music and Arts, summer of 1914; Associate Director School of Music, 1914-

**MARTHA MARTIN, Preceptress.**

Student Bethany Bible School, Chicago, 1910; student Goshen College, 1910-14; student Earlham College, spring of 1914; student The University of Chicago, summer of 1914; candidate for A.B. degree, Goshen College; Instructor in English, 1914-

**ORIE MILLER.**

Student, Goshen College, 1910-11; graduate Goshen College School of Business, 1912; student MacCormac Business College, Chicago, summer of 1912; Principal School of Business, 1912-

**JOHN E. WEAVER.**

Graduate Boise Business College, 1908; Assistant Instructor, Boise Business College, 1907-08; Instructor Shorthand, 1911-

**\*SYLVIA BONTRAGER.**

Private teacher of Music, 1907-10; Assistant, Goshen College, 1910-11; Graduate Piano Course, Goshen College, 1911; Instructor Piano, 1911-

**ELLA DE CAMP.**

Student of Music Grand Rapids 1897-98; Assistant Piano Teacher, Goshen College 1907-11; Graduate Piano course, Goshen College 1910; Studied under William Sherwood and Victor Garwood 1911-12; Elected to membership on the Faculty Sherwood Music School as affiliated teacher, 1913. Instructor of Piano, Goshen College, 1914-

\* Absent on leave.

## **STUDENT ASSISTANTS.**

**J. ROY ALLGYER**

Biology.

**CHAUNCEY DUKER**

Chemistry.

**ALBERT HOLDEMAN**

English.

**FLORENCE WENGER**

German.

**GLADYS FLETCHER**

German.

**VERNON J. SMUCKER**

Mathematics.

**LESTER HOSTETLER**

Music.

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## **EXECUTIVE OFFICERS**

John E. Hartzler .....	President
Paul E. Whitmer .....	Dean
Daniel S. Gerig .....	Registrar
Ephraim J. Zook .....	Librarian
Martha Martin .....	Preceptress

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## **ASSISTANT OFFICERS**

Mary Stoltzfus .....	Matron, Kulp Hall
Aaron J. Eby .....	Master, East Hall
John E. Weaver .....	Bookkeeper
Samuel Plank .....	Supt. Buildings and Grounds
Fannie Shank .....	Assistant Librarian
Vinora Weaver .....	Stenographer

## STANDING COMMITTEES OF THE FACULTY

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Admission and Classification—Gerig, Kurtz, Whitmer.

Appointments—Whitmer, Pres. Hartzler, Gerig.

Athletics—Miller, W. B. Weaver, Detweiler.

Buildings and Grounds—Lehman, Hartzler, Zook.

Courses of Study—Pres. Hartzler, Whitmer, Lehman.

Debate and Oratory—Whitmer, Kurtz, Blosser.

Dormitories and Student Life—Blosser, Miss Stoltzfus,  
Eby, J. E. Weaver, Whitmer.

Equipment—Pres. Hartzler, Zook, Kurtz.

Extra Work—For College: Gerig, Kurtz, Winter.

For Academy: Lehman, Blosser, Zook.

Library—Zook, Gerig, Whitmer.

Public Occasions—Blosser, Gerig, Detweiler, Ebersole,  
W. B. Weaver.

Publications—Pres. Hartzler, Whitmer, Kurtz, Gerig, J. E.  
Weaver.

Rules and Discipline—Whitmer, Pres. Hartzler, Miss Mar-  
tin, Gerig, Blosser, Kurtz.

Scholarships—Hartzler, Pres. Hartzler, Lehman.

Religious Activities—Detweiler, Hartzler, Miss Martin.

Student Organization—Kurtz, Blosser, Miss DeCamp, Win-  
ter.

Woman's Advisory Committee—Miss Martin, Miss Stoltz-  
fus, Mrs. Gerig, Mrs. Zook, Mrs. Whitmer.

# ADMISSION

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## METHOD OF ADMISSION

Admission to College may be gained either by certificate or by examination. Graduates of commissioned high schools or other approved preparatory schools will be admitted upon presentation of certificates of good moral character and graduation. Candidates may present these certificates in person on registration day but it will greatly expedite registration if these certificates are sent to the Registrar at least two weeks before the opening of the fall term. Blank certificates will be sent upon application.

For admission by examination either upon all the required subjects or upon those for which no satisfactory certificate can be offered, the candidates shall present themselves at the office of the Registrar on the opening day of the term for such examination as the Committee on Admission and Classification may require.

## REQUIREMENTS FOR ADMISSION.

The amount of work required for admission is based upon the work of the commissioned or first class high school. A one-year course meeting daily for forty-five minutes, or a one-year course meeting four times per week for sixty minutes is accepted as the unit of credit. The amount of credit in each subject will be estimated on the basis of the length of the recitation periods, the textbooks used and, in science courses, also the laboratory note-books.

For admission to the Freshman class without condition, candidates must offer in addition to the preacademic or grammar school studies, not less than fifteen units, to be made up as follows:

### Required:

English .....	3 units
Foreign Languages .....	2 units

(Not less than 2 units of any one foreign language will be accepted).

Mathematics .....	2 units
History .....	1 unit
Science .....	1 unit

**Electives.**

Additional units from above groups .....	2 units
Electives .....	4 units

The following table gives a list of subjects which may be presented for entrance with the maximum number of units allowed in each:

English Composition and Rhetoric .....	2	} 4
English Literature .....	1	
English Classics .....	1	
Latin .....	2, 3, or 4	} 6
Greek .....	2 or 3	
German .....	2, 3 or 4	
French .....	2, 3 or 4	
Algebra .....	1½	} 3½
Plane Geometry .....	1	
Solid Geometry .....	½	
Trigonometry .....	½	
History, General .....	1	} 2
History, Greek and Roman .....	1	
History, English .....	1	
History, United States and Civics .....	1	
Physics .....	1	} 3
Chemistry .....	1	
Biology .....	1	
Botany .....	1	
Zoology .....	1	
Agriculture .....	1	
Physiography .....	½	
Physiology .....	½	
Geology .....	½	
Astronomy .....	½	

Commercial Subjects.	}	May receive credit, after each claim has been investigated.
Domestic Science ...		
Manual Training ....		
Free-hand Drawing....		

### CONDITIONS

Candidates presenting not less than fourteen units will be admitted to the Freshman class on condition that they begin at once to make up the work in which they are deficient. Such work must be completed before the Junior year. The Academy and the Summer School afford good opportunities for removing conditions.

### SPECIAL STUDENTS

Candidates who are twenty-one years of age or more and who cannot meet the above requirements may be admitted as special students by furnishing evidence of ability to do the contemplated work. Such students may at any time become candidates for degrees by completing the entrance requirements.



# CURRICULUM

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The curriculum of Goshen College makes provision for general culture by prescribing some work in each of the great fields of knowledge; encourages scholarship by requiring advanced courses in at least one major subject; and provides for the particular tastes and needs of each student by giving freedom in the choice of the major subject and electives.

The amount of work required for graduation with the Bachelor of Arts degree is one hundred and eighty term hours. Each student is expected to register for fifteen hours' work each term. Any student wishing to take more than the normal fifteen hours' work must make application to the Committee on Extra Work before registering. Entering students are not expected to carry more than fifteen hours' work.

## PREScribed SUBJECTS:

English .....	15 hours
Mathematics .....	10 hours
Foreign Languages .....	21 hours
History or Social Science .....	15 hours
Natural Science .....	15 hours
Philosophy .....	10 hours

## MAJOR SUBJECTS

Each student is required to select one department in which he will do major work. This will consist of forty-five hours credit but includes the prescribed work in this department. Thirty of the forty-five hours is to represent a sequence in one subject. At the beginning of the Junior year each student shall in consultation with the Dean, select his major subject and file a statement of his choice with the Registrar.

## ELECTIVE SUBJECTS

In registering, required and major subjects must have the preference over those which are elective. In elective

studies that continue throughout the year credit is not given for less than a year's consecutive work in the same study except by the express consent of the Faculty. The electives must be chosen in the sequence indicated in the departmental statements.

### FRESHMAN WORK

Freshmen are required to take at least thirteen hours from the prescribed work in English, Mathematics, Foreign Languages or Natural Science, including English VI and Mathematics IV and V. All prescribed work except that in Philosophy should be completed by the end of the Sophomore year.

The following curricula are suggested for Freshmen:

I	II	III
English.....2	English.....2	English.....5
Mathematics.....5	Mathematics.....5	Mathematics.....5
Language.....3	Language.....5	Language.....3
Zoology.....5	Chemistry.....3	Bible.....2

### PROFESSIONAL COURSE

Students who have completed their prescribed work and have one hundred and thirty-five hours credit may secure a leave of absence during their Senior year to attend a standard professional school. The degree will be conferred when a statement has been received from the Faculty of the professional school that the student has satisfactorily completed one full year's work.

The following courses are suggested for those expecting to take up agricultural, medical or engineering courses after completing three years of College work.

AGRICULTURE	MEDICAL	ENGINEERING
English.....15	English.....15	English.....15
Language.....21	Language.....21	Language.....21
History.....15	History.....15	History.....15
Mathematics.....10	Mathematics.....10	Mathematics.....24
Biology.....45	Biology.....20	Astronomy.....11
Chemistry.....9	Chemistry.....33	Physics.....12
Physics.....12	Physics.....12	Chemistry.....24
Philosophy.....10	Philosophy.....10	Philosophy.....10

**DEGREE**

The degree of Bachelor of Arts will be conferred upon those who have complied with the requirements for graduation as stated above. Credit from other standard colleges may count toward the degree, but no student will be graduated who has been in residence for less than one year.



CAMPUS





# PROGRAM OF COURSES

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## BIBLE

**Professor Detweiler**

The courses in this department are offered with a conviction that Biblical history and literature contains the supreme religious message for all ages, hence for our age; and that an intelligent Christian attitude towards life and its problems is conditioned by an appreciative knowledge of that message. The following courses are designated to give the student a broad and practical knowledge of the history, literature, and thought of the books of the Bible; also to train in methods of interpretation and independent Bible Study.

### OLD TESTAMENT

#### **I. History and Prophecy. M. W. F. Three Terms.**

In the first year of this course the history of Israel is carefully traced from the conquest to the fall of Jerusalem. Special attention is given to the chronological order of the scripture material and the historical setting of the prophecies, their genetic relation to the political, social and religious environment, the element of moral and spiritual truth which they convey and any Messianic predictions they may contain. After the historical background of the period is laid the prophetic messages are studied in detail upon the basis of the scripture material. These courses furnish an introduction to the various departments of Old Testament study.

a. The history of Israel is traced from the conquest to the fall of the Northern Kingdom, by an analytical and comparative study of the portions of Joshua, Judges, Samuel, Kings and Chronicles that deal with this period.

b. Prophecy to the fall of the Northern Kingdom. A study of the rise, content, classification, definition and principles of prophecy and a detailed study of Amos and Hosea.



c. The history of the Southern Kingdom from Uzziah to the fall of Jerusalem with special study of Isaiah and Micah. Not given 1914-15.

**II. History and Prophecy. M. W. F. Two Terms.**

The literature of Babylonian period of Judah's History, Babylonian Exile, the Greek age to the Maccabean revolt. The same aim and method in the study of Old Testament History and Prophecy will be continued as in Course I above.

**III. Poetry and Wisdom. M. W. F. Spring Term.**

A general survey of Hebrew Poetry and Wisdom Literature with more careful study of characteristic selections. The aim is to familiarize the student with this phase of Old Testament literature.

**NEW TESTAMENT.**

**I. Special Introduction. T. Th. Three Terms.**

These courses aim to make the student familiar with the origin and development of our New Testament writings. In the study of the several books, each book is considered with respect to its historical settings, literary character, author, first readers, occasion, aims, social, ethical, and doctrinal teaching. The discussion and lectures in class are supplemented with assigned readings and written reports.

a. The Gospel of John. A thorough inductive study of the Gospel. Development of thought is traced and the leading terms of the Gospel are studied in preparation for a study of Johannine Christology in the following course.

b. The Epistles of John. The Epistles are used to supplement the teachings in the Gospel in the development of the Christology of the Johannine literature.

c. The Epistles of James, Peter and Jude. The same inductive and analytical method will be used as in the preceding courses.

**II. Special Introduction.****T. Th. Three Terms.**

a. The Gospel of Luke. In addition to the work of introduction special attention is given to the sections peculiar to this Gospel, and a discussion of the synoptic problem.

b. The Book of Acts, the beginning of Christianity, growth in Palestine and the work of Paul.

c. Pauline Epistles. The general principles of introduction are used in a study of the Pauline Epistles with a careful study of Galatians and Philippians. Not given 1914-15.

**LANGUAGE****New Testament III.****M. W. F. Three Terms.**

The first two terms are devoted to the mastery of the elements of the New Testament Greek and a vocabulary sufficient to begin the reading of the Gospel of John. The third term is devoted to reading the Gospel of John and a review of the Grammar studied in the preceding terms. Prerequisite, two terms training in language study.

**New Testament IV.****M. W. F. Three Terms.**

A careful translation of Mark, Matthew and Luke, word study and an application of Moods and Tenses of the Greek language. The grammatical study with special emphasis on syntax will continue through the year. Prerequisite, Course III or its equivalent of classical Greek.

**New Testament V.****M. W. F. Three Terms.**

A translation of the Acts of the Apostles, miscellaneous Epistles and selections from the Septuagint. Special attention will be given to the mastery of the grammatical and lexical peculiarities of the Hellenistic Greek and the relation the Septuagint sustains to the Hebrew of the Old Testament and the Greek of the New Testament.

**EXEGESIS****Epistles, Romans and Hebrews VI. T. Th. Three Terms.**

Special attention will be given to the problems and

teachings of the primitive Church and the doctrines that grew out of them. The methods will be a presentation by the class of the results of exegetical study, using only the Greek text, lexicons and grammars, with work on introduction. Careful work will be done in translation, brief commentary, and close paraphrase. Not given 1914-15.

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## BIOLOGICAL SCIENCE

Professor Blosser

### III. General Zoology.

M.—F. Three Terms.

The work in this course will consist of three laboratory exercises of two hours each and two class recitations each week.

**a. Invertebrate Zoology.** The work of this course begins with the simplest types of animal life and includes a study of amoeba, vorticella, paramoesium, eugling, the crayfish, fresh water mussel, starfish and others. Such field work will be done as will be most helpful in the laboratory work and general problems relating to invertebrates.

**b. Vertebrate Zoology.** This term's work includes dissection and drawing of type vertebrates such as frogs, fishes, turtles and one form of mammal. Time will also be given to field work, such as the collection of specimens and the study of animal activities and relationships.

**c. Bird and Insect Course.** The first six weeks of this term will be given to the dissection of a typical bird and the classification of a prescribed number of bird skins. The work will also include the identification of about seventy-five of the most common species in the field, together with a study of their nesting habits, migration, sexual dimorphism, economic value, etc.

The remaining six weeks will be devoted to the study of insects, including a laboratory dissection of type forms, collection and classification of a prescribed number of specimens. Each student will also be required to work out the life history of some animal.

## **II. General Botany.**

**M.—F. Three Terms.**

The work in this course consists of three laboratory periods of two hours each and two class recitations each week.

This course will begin with the study of *Thallophytes*, in the fall term. During the winter and spring terms, the time will be given to a study of the *Bryophytes*, *Pteridophytes* and *Spermatophytes*. Emphasis will be laid on plant structure, function, relationship and comparative morphology.

Systematic botany will be studied especially during the spring term, some time being given to field work and classification of plants.

The laboratory work will consist of careful observation, dissection and drawing of types selected from the various groups of plants. The recitations will be for the purpose of considering general problems relating to plants and discussing such questions as may arise in connection with the laboratory work. Not given 1914-15.

## **V. Comparative Anatomy.**

**M.—F. Fall Term.**

This course together with the course in histology, is especially intended for prospective medical students and those who will take up the work of human physiology. Both will furnish an excellent foundation for the study of the human body in the physiology course. The work in anatomy will include the comparative study, of a number of types selected from the classes of vertebrates. Careful dissection and drawing will be necessary. Class discussions and tests will be adapted to the needs of the class. Prerequisite General Zoology III. Not given 1914-15.

**VI. Histology.****M.—F. Winter Term.**

This course will follow logically the work in comparative anatomy and consist primarily of laboratory work. The preparation and study of animal tissues will constitute most of the work, although there will be a limited study of the tissues of the human body from slides. Prerequisite General Zoology III. Not given 1914-15.

**VII. Physiology.****M.—F. Spring Term.**

This course will be the study of the human body with the aid of models, charts, a human skeleton, microscopic and lantern slides. There will also be gross dissections of several animals and from this standpoint digestion, absorption, circulation, respiration, and reproduction will be studied. Not given 1914-15.

**ENGLISH****Professor Whitmer**

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**COMPOSITION****VI. Composition.****T. Th. Three Terms.**

Weekly and fortnightly themes with a study of Lynn's Essentials of English Composition and Carpenter and Brewster's Modern English Prose. Required course.

**VII. Exposition and Argumentation. T. Th. Three Terms.**

Studies in the structure, style, and function of different types of exposition and argument, with some attention to their application to orations and debate. Prerequisite, English VI. Not given 1914-15.

**VIII. Description and Narration. T. Th. Three Terms.**

The reading and criticism of masterpieces of description and narration, especially the short story, some study of technique, and constructive work in story writing. Prerequisite, English VI.

## LITERATURE

**IX. Introduction to English Literature.****M. W. F. Three Terms.**

A historical and critical survey of English literature from Beowulf to Kipling, based on an outline history of English Literature and Newcomer and Andrews' Twelve Centuries of English Poetry and Prose. Required course.

**X. Masterpieces of English Literature.****T. Th. Three Terms.**

The following poems will be the basis for detailed study, reports, and discussions: Shakespeare's Sonnets; Wordsworth's Prelude and Excursion; Tennyson's In Memoriam and Idylls of the King; Browning's dramas and the Ring and the Book. Prerequisite, English IX. Not given 1914-15.

**XI. Nineteenth Century Poetry. M. W. F. Three Terms.**

The work in this course is based on Page's British Poets of the Nineteenth Century, which includes all the important English poets from Wordsworth to Swinburne. Prerequisite, English IX.

**XII. The Elizabethan Drama. M. W. F. Three Terms.**

After a brief historical survey of the development of the drama in English literature the technique, art, and content of the Elizabethan drama will be studied, with special emphasis on Shakespeare. Prerequisite, English IX. Not given 1914-15.

**XIII. Modern Realistic Fiction. T. Th. Three Terms.**

This course will consist of lectures, discussions, and extensive readings of representative works of Austin, Scott, Dickens, Thackeray, Eliot, Meredith, Hardy, and others. Prerequisite, English IX.

**XIV. Chaucer, Spenser and Milton. T. Th. Three Terms.**

Three things will be attempted in the study of each



poet: a definite first-hand acquaintance with the author, his age, and his poetry. Prerequisite, English IX. Not given 1914-15.

**XV. The Prose Essay.**

**T. Th. Three Terms.**

The study of the special essays of DeQuincey, Carlyle, Emerson, Newman, Arnold and Ruskin. A closer acquaintance with modern literature as an expression of life problems and ideals is the chief aim of these studies. Prerequisite, English IX. Not given 1914-15.

**XVI. American Literature.**

**M.—F. Summer Term.**

The development of literature in America, with readings from representative authors, especially Emerson, Hawthorne, Bryant, Whittier, Longfellow, Lowell, Holmes, and Poe.

## **FRENCH**

**Professor Zook**

**French I.**

**M. W. F. Three Terms.**

This course aims to give a thorough and practical knowledge of the essentials of French grammar and elementary composition. Careful attention is paid to pronunciation and colloquial drill in connection with the reading of easy texts. The selections read vary from year to year. Open to college students who have had two years of foreign language.

**French II.**

**M. W. F. Three Terms.**

This course is a continuation of French I, and consists of reading prose selections from modern writers with conversation based on the text. Part of the course consists of a review of grammar and exercises in writing French. Not given 1914-15.

**GERMAN**

Professor Gerig

**I. German. M. W. F. Three Terms.**

The first term is devoted to acquiring good pronunciation, to gaining facility in the use of German script, and to mastering the forms of inflection and common principles of sentence construction. Written exercises in translation and drill in the forms of inflection are daily requirements. In the second term the grammar is completed. Translation of German selections of prose is then begun. Grammatical study accompanies the work throughout the year. The memorizing of several poems and practice in conversation are requirements of the course.

**II. German. T.—F. Three Terms.**

The work of the second year consists in a review of grammar topics, some exercises in composition and conversation, the study of at least two standard dramas, and the persual of a number of prose selections. A few choice lyrics are also memorized during the year.

**III. Reading Course. M. W. F. Three Terms.**

The first term is devoted to the rapid reading of some production of prose literature. Attention will be given to conversation and some drill in discussion in the original will be attempted. The second and third terms are devoted to drama. A paper on a subject assigned by the instructor will be required each term.

**IV. Composition. T. Th. Three Terms.**

The work in this course consists of translation of English exercises in German, paraphrases of stories, epistolary writing and original compositions.

**V. Schiller and Goethe. M. W. F. Three Terms.**

This year's work will be devoted to the study of works taken from Schiller and Goethe. Several works will be

assigned for collateral reading and reports on them are required. A paper on some specially assigned subject is also a part of each term's work. Not given 1914-15.

#### **VI. Lyrics and Ballads.**

**T. Th. Three Terms.**

The study of the choicest lyrics and ballads of the foremost German poets and the memorizing of a few of the shorter ones together with short biographical sketches make up this course. Prerequisite, German III.

#### **VII. Nineteenth Century Literature.**

**M. W. F. Three Terms.**

The first half of the year is given to the study of the writings of the Romantic School. The selections for the last half are taken from the production of late authors. Reports on assigned topics are required each term. Prerequisite, German III.

#### **VIII. History of German Literature. T. Th. Three Terms.**

A study of the History of German literature and the forces that have been instrumental in its development. This course is given in English and is open to any student of the College Department. The course combines the recitation and lecture methods. Not given 1914-15.

#### **IX. Scientific German.**

**T. Th. Three Terms.**

This course offers an opportunity to become familiar with the vocabulary and idioms peculiar to chemistry, physics, political economy, geology and the technical industries. Not given in 1914-15.

## **GREEK AND LATIN**

**Professor Zook**

### **GREEK**

#### **I. Greek.**

**M.—F. Three Terms.**

The first two terms are devoted to elementary lessons in Greek, supplemented by a number of short stories, which give the student an opportunity of applying his

knowledge of Greek forms and syntax, and affords a much needed preparation for Xenophon's *Anabasis*, which is begun in the third term. Practice in reading at sight and comparison of Greek and English idioms receive careful attention.

## II. Greek.

M.—F. Three Terms.

The first of this year will be given to exercises in writing Greek prose and reading three books of the *Anabasis*. Grammatical forms and rules of syntax will be reviewed. Attention will be given to sight reading and principal parts of irregular verbs. In the third term three books of Homer's *Iliad* will be read, the literary merits of Homeric dialect carefully noted and especial attention given to the heroic hexameter.

## III. Greek.

M. W. F. Three Terms.

a. Herodotus. Selections of Herodotus which treat of the conflict in Persia, being complete in themselves and presenting the highest quality of the historian will be studied the first term.

b. Xenophon's *Memorabilia* for the second term followed by

c. Plato's *Apology* and *Crito* with a careful study of the philosophy and style of Plato the third term. Not given in 1914-15.

## LATIN

## V. Latin.

M. W. F. Three Terms.

This year's work aims to give the student an appreciation of the life and spirit of the Romans. The inflection of nouns and verbs is carefully reviewed. Special attention is given to word analysis and syntax. In the first year Cicero's *De Senectute* and *De Laelio* will be read; second term Cicero's *Tusculan Disputations* third term, Livy, Book V.

**VI. Poetry of Horace.****T. Th. Three Terms.**

Odes and Epodes, Selections from Satires and Epistles. Not given 1914-15.

**VII. Latin.****M. W. F. Three Terms.**

The basis of this year's work will be the plays of Plautus and Terence. Not given 1914-15.

## **HISTORY AND SOCIAL SCIENCE**

**Mr. Weaver**

### **HISTORY**

**IV. American.****M.—F. Three Terms.**

a. The Colonial period to 1750. Thwaites, The Colonies is used as a text. Collateral reading is required and special topics assigned.

b. The formation of the Union. 1750-1830. Hart's Formation of the Union serves as a text for the course. Collateral reading as above.

c. Division and Reunion. The Civil War and Reconstruction. Wilson's volume in the Epoch Series as a text. Not given 1914-15.

**V. Medieval Europe.****M.—F. Fall Term.**

This course deals with the religious, social and political life and institutions of the middle age. Collateral reading and special reports and term papers are required. Not given 1914-15.

**VI. Modern Europe.****M.—F. Winter Term.**

The work of this course is based on Schwill's Political History of Modern Europe and Matthew's French Revolution. From 1494 to 1815. Method of work same as above. Not given 1914-15.

**VII. Nineteenth Century Europe. M.—F. Spring Term.**

1815 to the present. A study of the problems of the reorganization of Europe after 1815, the rise of Democracy, the Eastern question and other important questions of the century. Hazen, Robinson, Seignobos. Fyffe and other books serve as a basis for the work. Not given 1914-15.

**VIII. English. M.—F. Fall and Winter Terms.**

a. From the beginning to the Revolution of 1688. Particular emphasis on the institutional and constitutional phases of history. Terry's text will be used. Considerable collateral reading.

b. From the Revolution of 1688 to the Congress of Vienna 1815. Texts and methods, same as above.

**POLITICAL SCIENCE****XI. American Government. M.—F. Fall Term.**

This course will consist of the study of the national government in action, including the organization and procedure of congress, the powers of the Executive, and the administrative and the judicial system. Beard's American Government and Politics will be used as a text.

**XII. European Governments. M.—F. Winter Term.**

A descriptive and comparative study of the constitutional organization and practical working of the principal governments of Europe.

**XIII. International Law. M.—F. Spring Term.**

This course is a general treatment of the law governing international relations in peace and war, with considerable attention to the development of arbitration and international organs of administration. Hershey's Essentials of International Public Law will be used as a text.



**ECONOMICS AND SOCIOLOGY****XIV. Elements of Economics. M.—F. Fall Term.**

This course covers the general field of the subject dealing with such general questions as production, consumption, distribution and exchange of wealth, with especial emphasis also upon one of the practical economic questions of the day, such as the relation of labor to capital, banking, tariff, co-operation, trusts, etc. A text is used with collateral reading in such works as Ely, Hadley, Seager, Walker, Marshall, Taussig, etc. Not given 1914-15.

**XV. Economic Problems. M.—F. Winter Term.**

This course includes a detailed study of a few of the economic problems touched upon in the preceding course, such as money and banking, labor, and agriculture. Considerable outside reading is assigned each week. The discussion of current events bearing upon these problems is an interesting feature of the course. Not given 1914-15.

**XVI. Sociology. M.—F. Spring Term.**

A general course covering the elements of the subject, with special reference to some of the practical applications. The class work is based on Gidding's Elements of Sociology together with wide collateral reading. Not given 1914-15.

**MATHEMATICS AND ASTRONOMY**

Professor Lehman

**IV. Algebra. M.—F. Fall Term.**

This course presupposes a thorough course in Elementary Algebra equivalent to the work outlined in Stone and Millis's Algebra, Complete Course. Special attention is given to the theory of exponents, radicals, quadratic and higher equations, variables and limits, complex numbers, determinants, and theory of equations. Required course.

**V. Trigonometry.****M.—F. Winter Term.**

In this course are studied the elements of Trigonometry and Surveying. It includes computing heights and distances of inaccessible objects, solving triangles, developing formulae, verifying identities, solving equations, and checking results numerically and graphically. Required course.

**VI. Analytic Geometry.****M.—F. Spring Term.**

A thorough discussion of loci and their equations, including the straight line, circle, parabola, ellipse, hyperbola and the elements of geometry of space. A large number of problems are solved.

Some of the following courses will be given if there is a demand for them.

**VII. Advanced Analytic Geometry. M.—F. Winter Term.**

A review and continuation of the work of Course VI. It includes higher plane curves and solid Analytic Geometry.

**VIII. History and Teaching of Mathematics.****M.—F. Spring Term.**

Several standard works will be studied and compared. Modern methods and movements will be discussed.

**IX. Calculus.****M. W. F. Three Terms.**

This course includes most of the topics, and a liberal selection of problems, from Granville's Differential and Integral Calculus. Prerequisite IV, V, VI.

**X. Advanced Calculus.****T. Th. Three Terms.**

This is a continuation of course IX. It includes such topics from Osgood's Calculus, as the theory of definite integrals, and their application to the finding of areas, volumes, centers of gravity and moments of inertia; partial differentiation with applications to the geometry of space; and double and triple integrals.

**XI. Differential Equations. M. W. F. Three Terms.**

Murray's and Johnson's texts will be used.

**XII. Theory of Equations.**

**M. W. F. Winter and Spring Terms.**

In subject matter this course naturally follows IV. It includes the leading topics in Burnside and Panton's Theory of Equations.

**XIII. Descriptive Astronomy.**

**M.—F. Fall Term.**

The work begins with observation of the planets, the moon, the constellations, and other phenomena. The equatorial telescope is studied and used. Text books, charts and journals are consulted.

**XIV. General Astronomy.**

**M. W. F. Winter and Spring Terms.**

This involves a more exact and thorough study of the science of astronomy than does XIII. No mathematics beyond Trigonometry and Analytics (VI) are required.

## **PHILOSOPHY AND EDUCATION**

**Professor Winter**

### **PHILOSOPHY**

**I. Introduction to Philosophy.**

**M.—F. Fall Term.**

The object of this course is to explain to beginners the meaning, interest, and scope of philosophy, and to acquaint them with the character of the chief schools of thought. Text book, lectures, collateral reading, and papers.

**II. Logic.**

**M.—F. Winter Term.**

A discussion of deductive and inductive reasoning. Text book, lectures, and collateral reading. Prerequisite, Course I.

**III. Ethics.****M.—F. Spring Term.**

A course in ethical theory, partly historical, partly critical and constructive. Text book, lectures and collateral reading. Prerequisite, Course I.

**IV. Aesthetics.****M.—F. Spring Term.**

A discussion of the definition, forms, and standard of Beauty and the relation between aesthetic values and ethical and religious values. Text books, lectures and collateral reading. Prerequisite, Course I. Not given 1914-15.

**V. History of Philosophy.****M.—F. Fall Term.**

**a. History of Ancient Philosophy.** A study of the development of the problems of philosophy from the beginnings of Greek philosophy to the opening of the Middle Ages. Text book, lectures, collateral reading and papers. Prerequisite, Course I. Not given 1914-15.

**b. History of Modern Philosophy.** **M.—F. Winter Term.**

This course is similar in scope to V, a, and extends from the beginning of the Middle Ages to the present time. Course V, a, while not required furnishes desirable preparation for this course. Not given 1914-15.

**VI. Philosophy of Religion.**

A study of the fundamental principles of religion in its relation to philosophy and science. Prerequisite, Course I. Not given 1914-15.

**PSYCHOLOGY****VII. Elementary General Psychology. M.—F. Fall Term.**

This course consists of a rapid survey of the facts of mind, preceded by a brief discussion of the various fields of psychological research, such as normal and abnormal psychology, psychophysics and physiological psychology. The instrumental and genetic-functional viewpoints are clearly distinguished throughout. The study of a standard text is supplemented by lectures, collateral reading and experiments.

**VIII. Child Psychology.****M.—F. Winter Term.**

This course is based on course VII and consists in an interpretation of the child's mind, from both the instrumental and genetic-functional standpoint, as a basis for the learning process. Special attention is given to such topics as imitation, inhibition, emotions and the moral ideas of children. The study of a standard text is supplemented by lectures, collateral reading and reports. (See XII note).

**IX. Educational Psychology.****M.—F. Spring Term.**

This course considers the psychological principles that are basic to the learning process. In addition to a discussion of the pedagogical significance of such processes as attention, association, memory, imagination and interest, special attention is given to the problem of the transfer of training and to logical thinking. The study of a standard text is supplemented by lectures, collateral reading and reports. (See XII note).

**EDUCATION****X. History of Education.****M.—F. Fall Term.**

This course deals primarily with the institutional side of education. It attempts to show the relation between the social, religious, and intellectual changes, and the varying conceptions of the aim, method, curriculum and organization of education from the dawn of civilization to the present. In addition to the study of a text book each student is required to prepare a notebook of collateral readings. (See XII note).

**XI. Principles of Education.****M.—F. Winter Term.**

The purpose of this course is to outline and examine the distinguishing aspects of the educative process. An attempt is made to interrelate the biological, psychological, sociological, aesthetic, moral and religious points of view. The study of a standard text book is supplemented by collateral readings and reports. (See XII note).

**XII. School Management.****M.—F. Spring Term.**

This course undertakes first to show the respective functions of the national government, the state, county, township and city, in school administration, and then discusses the concrete problems confronting the teacher, such as school organization, discipline, methods, examinations, grading, promotions, and the teacher's relation to those in authority, to parents and to the community. Text book and collateral reading.

Note:—All Normal students planning to teach in Indiana are required to take school observation as a prerequisite for both A. and B. certificates.

**PHYSICAL SCIENCES****Professor Kurtz****CHEMISTRY****II. General Chemistry.****M. W. F. Three Terms.**

This course aims to give the student a comprehensive view of the fundamental principles of chemistry, both as a general culture subject, and as a foundation for more advanced chemical work. The work of the three terms includes (a) a study of several typical elements and such subjects as the laws of chemical combinations, solutions, ionization, and valence; (b) The nonmetals and the subjects of chemical equilibrium, the periodic law, and molecular and atomic weights; (c) The metals and industrial chemistry.

**III. Qualitative Analysis.****M.—F. First Half Year.**

Laboratory work, lectures and recitations on the principles and practice of Qualitative Analysis. The course consists largely of experimental work in the laboratory. In the lectures a careful study is made of the laws of chemical equilibrium, and the theories of solution and electrolytic dissociation as well as their practical application to analytical chemistry. Prerequisite, General Chemistry.



**IV. Organic Chemistry.****M.—F. Last Half Year.**

The course deals with the chief classes of organic compounds both of the aliphatic and aromatic series. Prerequisite, General Chemistry.

**V. Quantitative Analysis.****M, W. F. Three Terms.**

A careful study is made in the laboratory of the principles of gravimetric and volumetric analysis as applied to the separation and determination of the common bases and acids found in salts, minerals, etc. Prerequisite, General Chemistry and Qualitative Analysis.

**PHYSICS.****VI. General Physics.****T. Th. Three Terms.**

This course is intended to acquaint the student with the elementary facts and general principles of physical science. Prerequisite, Elementary Physics and Trigonometry.

**VII. Experimental Physics.****Three Terms.**

Laboratory work arranged to accompany the course in General Physics. The class meets five hours a week and the work counts for two credits. Hours to be arranged.

**EARTH SCIENCE****VIII. Geology.****M.—F. Fall Term.**

This course will be a brief and general survey of the entire field of Geology. The purpose of the work is to become acquainted with the leading facts concerning the formation, structure and history of the earth. The geological processes, Diastrophism, Vulcanism, and Graduation are carefully considered, preparatory to the study of Historical Geology. Not given 1914-15.

**IX. Soils.****M.—F. Winter Term.**

A study will be made of the origin and composition of soils as an essential factor in scientific agriculture.

Careful attention will be given to the constituents of the soil necessary for plant food as well as the best methods for increasing its fertility. Prerequisite, General Chemistry. Not given 1914-15.

#### **X. Geography.**

**M.—F. Spring Term.**

After a physiographic study of the earth, the development and resources of the leading countries and nations of the world are taken up with special emphasis upon the United States. An effort will be made to trace the influence of soil, climate, and other physical conditions as determining factor in the resources of different regions, and the resulting development of trade and important commercial centers. The Conservation of Resources will receive careful attention.

### **MUSIC.**

**\*Professor Brunk**

**Mr. Ebersole**

#### **I. Harmony.**

**M. W. Th. Spring Term.**

This beginning class in Harmony will study chord formation, notation, resolution and general tonality. Voice leading and melodic partwriting are features from the very start. The major and the minor modes are studied together throughout the entire course. Harmony is the grammar of music and is very helpful to an intelligent appreciation of music.

#### **II. Harmony.**

**M. W. Th. Three Terms.**

The work in this course is a continuation of the first term's work and the study of new chords and progressions. In the second term more advanced melody writing is begun and chords and other small-form pieces are composed. The work is thus made very practical.

#### **III. Harmony and Composition. M. W. Three Terms.**

More new chords are learned. Modulations, Suspen-

\*Absent on leave.

sions, Embellishment, etc., are the other subject matter. Harmonic analysis and more advanced composition require a large part of the time toward the close of this course. Not given 1914-15.

#### **IV. History of Music. T. W. F. Fall and Winter Terms.**

It begins with the history of very early times, studying the cause and effect of early conditions. In the second term, the Classical and Romantic periods, and the biographies and the works from the masters form the greater part of the study. The term is brought to a close with a review of American music and musicians.

\* Absent on leave.

# ACADEMY

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**Daniel A. Lehman, Principal.**

The work in the Academy covers four years and is outlined especially for those who contemplate the completion of a college course.

Within prescribed limitations the student elects courses with the advice of the Principal. These courses form four years of systematic instruction suited to his peculiar needs. The completion of this work will prepare the student for entrance to the best colleges and professional schools, or give a limited education for general culture to those who find it impossible to get a college education.

## ENTRANCE REQUIREMENTS

Students who present certificates showing that they have completed the work of the eighth grade of common school studies and those holding teachers' certificates will be admitted without examination. Those who are not sufficiently advanced to take the regular courses in the Academy will be required to take preparatory work in the common branches.

Classes in the common branches will be organized each term for those not prepared to take the regular courses.

## REQUIREMENTS FOR ACADEMY DIPLOMA

In the Academy all courses have four hours of recitation each week. Four such courses is the regular work of each student. One of these courses taken throughout the year of three terms of nine months is the unit of credit.

For graduation sixteen units are required of which the following are prescribed:

English .....	3 units
Mathematics .....	2 units
Foreign Language .....	2 units
Ancient History .....	1 unit
Science .....	1 unit

Electives:

Additional units chosen from above group	2 units
Electives .....	5 units

Total for Graduation .....16 units

The five electives may be selected from any of the subjects in the Academy and within certain limitations from the other schools of the college.

## CURRICULUM

### General.

FIRST YEAR		
FIRST TERM	SECOND TERM	THIRD TERM
Latin I .....	Latin I .....	Latin I .....
Algebra I .....	Algebra I .....	Algebra I .....
Botany I .....	Botany I .....	Botany I .....
English I .....	English I .....	English I .....
SECOND YEAR		
Latin II .....	Latin II .....	Latin II .....
Ancient History I .....	Ancient History I .....	Ancient History I .....
Plane Geometry II .....	Plane Geometry II .....	Plane Geometry II .....
English II .....	English II .....	English II .....
THIRD YEAR		
Latin III .....	Latin III .....	Latin III .....
Greek I, or	Greek I, or	Greek I, or
German I .....	German I .....	German I .....
Zoology II .....	Zoology II .....	Zoology II .....
Solid Geometry IIIa .....	Algebra IIIb .....	Algebra IIIc .....
FOURTH YEAR		
Latin IV, or	Latin IV, or	Latin IV, or
U. S. History .....	U. S. History .....	Civics .....
Greek II, or	Greek II, or	Greek II, or
German II .....	German II .....	German II .....
Physics I .....	Physics I .....	Physics I .....
English III .....	English III .....	English III .....

**Biblical**  
**FIRST YEAR**

FIRST TERM	SECOND TERM	THIRD TERM
Latin I.....	Latin I.....	Latin I.....
Algebra I.....	Algebra I.....	Algebra I.....
English I.....	English I.....	English I.....
Times of Jesus.....	Life of Jesus .....	Life of Jesus .....

**SECOND YEAR**

Latin II.....	Latin II.....	Latin II.....
Plane Geometry II....	Plane Geometry II....	Plane Geometry II....
Ancient History.....	Ancient History.....	Ancient History.....
Biblical Intro. O.T.	Biblical Intro. O. T.....	Biblical Intro.O. T.....

**THIRD YEAR**

Greek I.....	Greek I.....	Greek I.....
Zoology II <i>or</i> .....	Zoology II <i>or</i> .....	Zoology II <i>or</i> .....
Botany I.....	Botany I.....	Botany I.....
English II.....	English II.....	English II.....
Biblical Intro. N.T.....	Biblical Intro. N.T.....	Biblical Intro.N.T.....

**FOURTH YEAR**

Greek II.....	Greek II.....	Greek II.....
Physics I.....	Physics I.....	Physics I.....
English III.....	English III.....	English III.....
Church History .....	Church History.....	Church History.....

**AGRICULTRUE.**

**I Soils and Soil Fertility.**

**M.—F. Fall Term.**

This course will include both class and laboratory study of conditions essential to plant growth. The formation and origin of soils, the functions and control of soil water, drainage, the effect of tillage, mulches, fertilizer and crop rotation will receive due attention.

**II. Farm Crops.**

**M.—F. Winter Term.**

This term's work will be given to a study of the more common field crops, and will cover the problems of seed germination, development of the seeding, adaptation of crops to conditions of soil and climate, examination in the laboratory of seeds and plants and the classification of grains and forage plants. Some time will also be given to scoring and judging of grains.



**III.—Animal Husbandry.****M.—F. Spring Term.**

This will be a study of types and breeds of farm animals and the elementary principles of animal breeding. Special attention will be given to the theory and practice of judging and feeding of live stock.

**ENGLISH****I. English.****M.—Th. Three Terms.**

a. Classics: Selections for study and reading will be made from Enoch Arden, Sohrab and Rustum, The Rime of the Ancient Mariner, The Lady of the Lake, Franklin's Autobiography, Twice Told Tales, Silas Marner, Sketch Book and Ivanhoe.

b. Composition and Rhetoric, two hours each week, throughout the year.

**II. English.****M.—Th. Three Terms.**

a. Classics: Selections for study and reading will be made from Longfellow, Whittier, Lowell, Bryant, Merchant of Venice, Midsummer Night's Dream, Julius Caesar, Browning, Tennyson and Palgrave's Golden Treasury.

b. Composition and Rhetoric, two hours each week, throughout the year.

**III. English.****M.—Th. Three Terms.**

Selections from Burns, Carlyle's Essay on Burns, Macbeth, Milton's Minor Poems, Two Books of Paradise Lost, Macaulay's Essays on Milton and Addison, Selections from Goldsmith, Hale's Man Without a Country and Holmes' Autocrat of the Breakfast Table.

**IV. English.****M.—Th. Three Terms.**

Washington's Farewell Address, Webster's First Bunker Hill Oration, Burke's Speech on Conciliation with America, Selections from the Odyssey, The House of Seven Gables, Tale of Two Cities, American Literature—

its history and selections from the chief American poets. Not given 1914-15.

**V. Voice Culture and Elocution. T. Th. Each Term.**

Training for breathing, diaphragmatic action, physical culture, voice building, voice quality, force, stress, pitch, rate of delivery, inflection, emphasis and accent.

Theory of speech, gesture expressing thought, will and emotion, clear enunciation, correct pronunciation, sympathetic grasp of the content and impressive rendering. The aim is to produce natural readers, not artificial ones.

**GERMAN**

**German I.**

**T.—F. Three Terms.**

The work of the year consists of a systematic study of grammatical rules and principles, the acquisition of correct pronunciation, and drill in composition and conversation. Daily exercises are required from all the pupils. A number of easy poems are memorized during the year.

**German II.**

**T.—F. Three Terms.**

The work of the first year is continued by a review of grammatical principles followed by the study of a number of easy prose selections. During the latter half year drama is begun. Collateral exercises in conversation and composition continue throughout the year.

**HISTORY**

**I. Ancient History.**

**M.—Th. Three Terms.**

a. History of Greece. Given in the fall and during the first half of the winter term. Special attention will be devoted in this course to the development along constitutional, social, religious and artistic lines, and to the correlation of the facts studied with present day conditions. Botsford's History of Greece will be used as a text.

b. History of Rome. Given the last half of the winter and spring term. This course covers a period from

the absorption of Greece into the Roman Empire to the Germanic invasions. Special emphasis is given to those factors which were influential in determining the trend of medieval and modern civilization. Botsford's History of Rome will be used as a text.

**II. United States. M.—Th. Fall and Winter Terms.**

The entire field will be covered. This course is to give a general survey of the history of the United States from the discovery of America to the present time. Outside reading. Hart's Essentials in American History will serve as a text.

**III. Civics. M.—Th. Spring Term.**

This is an elementary course in the study of the machinery of government, and obligations and privileges of citizenship. Garner's Government in the United States will be used as a text.

## LATIN

**I. Latin. M.—Th. Three Terms.**

It is of great importance that the first year of Latin should lay a good foundation for the work of the following years. Careful attention is given to the mastery of inflection and the most important rules of syntax. The student is trained from the beginning to translate into good Latin, easy exercises which are dictated by the instructor. An attempt is made to train the beginner to grasp the meaning of the Latin before translating, and then to render into idiomatic English. The spring term is devoted to easy readings.

**II. Latin. T.—F. Three Terms.**

During this year Latin grammar is carefully reviewed. Special attention is given to written prose exercises which enables the student to put into practice the forms and rules of grammar. In the first part of the year some easy Latin will be read. This will be followed by five books of Caesar.

**III. Latin.****M. W. Th. F. Three Terms.**

This year's work will begin with the study of the four orations against Catiline. These will be followed with several weeks in Latin Prose composition. Then two more of Cicero's orations will be read. The third term will be given to Sallust's Catiline. During the year's work an attempt will be made to gain a knowledge of Roman life and customs. Some sight reading will be done in connection with assigned work. In composition work Bennett's text will be used.

**IV. Latin.****M. T. Th. F. Three Terms.**

The fourth year will be given to the study of Latin poetry. In the first and second terms four books of Virgil will be read. Careful attention will be given to the literary merits of this great poem and comparisons will be made between it and other great world epics. The third term will be devoted to the study of Ovid's *Metamorphoses*.

**MATHEMATICS****I. Elementary Algebra.****T.—F. Three Terms.**

This course passes by easy steps from problems in Arithmetic to the system of Buchstaben-Rechnung called Algebra. It includes the subject of quadratic equations and the elements of proportion, variation, and logarithms. Many of the processes of elementary science are treated. The initial letter of a word is often used to stand for a number. Most of the time is spent on the fundamental processes, factoring, the statement of problems, and the solving of equations.

**II. Plane Geometry.****M. T. W. F. Three Terms.**

The course begins with the organization of the student's past knowledge of form and with simple construction. Interest is aroused by the use of historical notes on the life and work of Euclid and other great mathematicians. Many original exercises, some of the elements

of Trigonometry and application in the mechanical arts are given. Clearness of thinking is followed by accuracy of statement and logical reasoning.

**IIIa. Solid Geometry.**

**M. Th. Three Terms.**

The methods pursued in plane geometry are continued and special attention is given to the solution of problems and the demonstration of propositions without the aid of a text.

**IIIb. Advanced Academy Algebra. T. F. Three Terms.**

The subjects of Elementary Algebra are reviewed. Then are studied Inequalities, Proportion and Variation, Permutations and Combinations, the Binomial Theorem, Progressions and Undetermined Coefficients. Throughout the course special attention is given to associating and unifying the principles and showing the meaning of the processes.

IIIa and IIIb may be used for Academy or for College credit.

## **SCIENCE**

**I. Botany.**

**M. T. Th. F. Three Terms.**

This course is devoted to the study of common plants. The work will be begun with seed germination and includes the study and development of morphology of the seedling, plant structure, fertilization; methods of propagation will be given much attention. Plant adaptation, their enemies and methods of protection will be studied. During the spring term much time will be given to classification. A standard text will be used and assigned reading required.

**II.—Zoology.**

**M.—Th. Three Terms.**

The work in this course consists of laboratory exercises, class discussions and field work. Work will begin with easy forms in order to enable students to become familiar with laboratory methods. The simpler forms of invertebrates will be studied during the fall term. Dur-

ing the winter and spring terms, types of vertebrates and insects will be dissected. A standard high school text will be used and collateral reading required from other books.

### **I. Physics.**

**M.—Th. Three Terms.**

This is a general course extending over the entire subject. Its object is to give the student a thorough knowledge of the simpler experimental facts of physics. It treats the general properties of matter, mechanics, sound, light, heat, magnetism and electricity. The work of the class room and laboratory supplement each other and are considered of equal importance. Each student is required to keep a complete and accurate record of the experiments performed. Given alternate years.

## **MUSIC**

### **I. Vocal Music.**

**M.—F. Three Terms.**

This is a practice course including instructions in rudimentary principles and in reading and singing music in two, three, and four parts. The examination at the end of this course will admit into the chorus. Time required, three terms. This class is free to students from any course. Class each day one-half interval. Special promotion may be applied for during the first or second terms.

### **II. College Chorus.**

**M.—F. Three Terms.**

This course will be under the personal supervision of the Director and as rapid progress will be made as the ability of the singers will allow.

The work will be a drill in reading advanced music. Systematic practice will be conducted in intermediate tones and minor mode. Contrapuntal exercises and difficult chord work will be taken up. Oratorios and Cantatas will be studied.

### **III. Introductory Knowledge. T. W. Th. Fall Term.**

This is the first work in the theory of music and em-



braces a thorough study of notation, scales, keys, signatures, intervals, dynamic signs, tempo marks, etc.

## **BUSINESS**

### **1. Commercial Arithmetic.**

**M.—F. Fall and Winter Terms.**

This course makes no attempt to teach the theoretical side of arithmetic. Only the practical problems of the work in business life are used. Short methods of computation are employed and a systematic plan is followed in order to develop speed and accuracy.

### **II. Commercial Law.**

**M.—F. Winter Term.**

This course does not aim to prepare the student for the legal profession, but to give him a knowledge of law to pursue his business with confidence and safety.

### **III. Bookkeeping.**

**M.—F. Three Terms.**

This course continues throughout the year and takes up the principles of Bookkeeping and Accounting. Many business men are handicapped because they do not have a systematic method of keeping records. H. M. Rowe's new text on Bookkeeping and Accountancy is used. From the very first the student is made familiar with transactions as they occur in actual business. At first the more simple ones are employed, while later the student is gradually led to use those that are more difficult.

### **IV. Shorthand.**

**M.—F. Three Terms.**

In this course the student receives a thorough training in Gregg Shorthand. He becomes acquainted not only with commercial correspondence and business forms but by a great deal of outside reading of well written articles he is able to apply his shorthand to any line of work. The completion of the course entitles the student to one unit academic credit.

## **BIBLE**

For description of the Bible courses offered as electives, see Bible School, page 56.

# NORMAL SCHOOL

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JOHN E. HARTZLER, President.

JOHN E. WINTER, Principal.....Psychology, Education

PAUL E. WHITMER ..... English

DANIEL S. GERIG ..... German

EPHRAIM J. ZOOK ..... Latin

WILLIAM B. WEAVER ..... History

DANIEL A. LEHMAN ..... Mathematics

JONATHAN M. KURTZ ..... Natural Science

AMOS S. EBERSOLE ..... Music

ORIE MILLER ..... Penmanship

## THE INDIANA STATE TEACHERS' TRAINING BOARD

Having found Goshen College fully equipped for preparing teachers, has placed it on the "ACCREDITED" list of schools doing such work, for Classes "A" and "B".

The purpose of the Normal School is to prepare teachers both theoretically and practically for teaching in all grades of public schools. The qualifications of the teacher are a thorough knowledge of the subject matter to be taught, a comprehension of the nature of the individual to be educated, and skill in drawing out the powers of the learner's mind by bringing it into unity with the subject matter taught. The teacher should also have the knowledge of the methods of organizing and managing schools and the history of education in so far as it bears upon the work of the public schools of the present day.

## COURSE FOR CLASS "A"

(Twelve Weeks)

a. Any one of the following subjects: Methods and Observation, Educational Psychology,, History of Education, Child Study.

b. One common school subject taught from the teacher's point of view.

c. One high school subject taught from the teacher's point of view.

d. The fourth subject may be either a second common school or high school subject.

e. One course in Agriculture or Domestic Science may be substituted for either subject b, c or d.

## COURSE FOR CLASS "B"

(Twenty-four Weeks)

Same regulations as in "Class A" with no duplication of work. Provided that two courses in Agriculture or Domestic Science may be substituted for the common school or secondary school subjects.

### ONE YEAR COURSE

FIRST TERM	SECOND TERM	THIRD TERM
Psychology.....	Psychology.....	Psychology .....
Normal Grammar.....	Physiology or	Geography .....
Secondary School	Normal Arithmetic ...	Secondary School
Subject .....	Secondary School	Subject .....
Agriculture or	Subject .....	Subject .....
Domestic Science.....	Agriculture or	Agriculture or
	Domestic Science .....	Domestic Science .....

The above course includes all the work required for teachers in "A" and "B" classes, and in addition thorough courses in the subjects to be taught in the common schools, and in which the teacher is examined for his license. All high school graduates should complete this year's work before beginning to teach.

### TWO YEAR DIPLOMA COURSE

FIRST YEAR.		
FIRST TERM	SECOND TERM	THIRD TERM
Psychology.....	Psychology.....	Psychology.....
Normal Grammar.....	Physiology or	Geography .....
Secondary School	Normal Arithmetic....	Secondary School
Subject.....	Secondary School	Subject .....
Agriculture or	Subject .....	Subject .....
Domestic Science.....	Agriculture or	Agriculture or
	Domestic Science.....	Domestic Science. ....

SECOND YEAR.

History of Education.....	Principles of Education.....	School Management...
American History.....	American History.....	American History.....
Secondary School	Secondary School	Secondary School
Subject.....	Subject.....	Subject.....
Agriculture or	Agriculture or	Agriculture or
Domestic Science.....	Domestic Science.....	Domestic Science.....

Students completing this course will receive the "B" class certificates and will be enabled to complete the course for "C" class in one year, at the State Normal School.

All Normal students do regular observation work in the several grades of the Goshen city schools. This work is done under the direct supervision of the Principal of the Normal School and is an important element in the training of teachers.

By a recent arrangement with the Goshen city schools, teachers and prospective teachers who are sufficiently advanced in the theoretical part of their training are given opportunity to do regular practice teaching. They are given charge of rooms or departments in the grades and high school for one period each day for a term or semester. In this way Normal School students get not only the theoretical and observation work but have an opportunity to get actual teaching experience while getting their Normal training.

## PROGRAM OF COURSES

### I. Elementary General Psychology. M.—F. Fall Term.

This course consists of a rapid survey of the facts of mind preceded by a brief discussion of the various fields of psychological research such as normal and abnormal psychology, psychophysics and physiological psychology. The instrumental and the genetic-functional view-points are clearly distinguished throughout. The study of a standard text is supplemented by lectures, collateral reading and experiments.

**II. Child Psychology.****M.—F. Winter Term.**

This course is based on Course VII and consists in an interpretation of the child's mind, from both the instrumental and genetic-functional standards as a basis for the learning process. Special attention is given to such topics as imitation, inhibition, emotion, and the moral ideas of children. The study of a standard text is supplemented by lectures, collateral readings and reports. (See VI note).

**III. Educational Psychology.****M.—F. Spring Term.**

This course considers the psychological principles that are basic to the learning process. In addition to a discussion of the pedagogical significance of such processes as attention, association, memory, imagination, and interest, special attention is given to the problem of the transfer of training and to logical thinking. The study of a standard text is supplemented by lectures, collateral readings, and reports. (See VI note).

**IV. History of Education.****M.—F. Fall Term.**

This course deals primarily with the institutional side of education. It attempts to show the relation between the social, religious, and intellectual changes, and the varying conceptions of the aim, method, curriculum and organization of education from the dawn of civilization to the present. In addition to the study of a text book each student is required to prepare a notebook of collateral reading (See VI note).

**V. Principles of Education.****M.—F. Winter Term.**

The purpose of this course is to outline and examine the distinguishing aspects of the educative process. An attempt is made to interrelate the biological, psychological, sociological, aesthetic, moral and religious points of view. The study of a standard text book is supplemented by collateral readings and reports. (See VI note)

**VI. School Management.****M.—F. Spring Term.**

This course undertakes first to show the respective functions of the national government, the state, county, township and city in school administration, and then discusses the concrete problems confronting the teacher, such as school organization, discipline, methods, examination, grading, promotions, and the teacher's relation to those in authority, to parents and to the community. Text book and collateral reading.

Note—All Normal students planning to teach in Indiana are required to take school observation as a prerequisite for both "A" and "B" certificates.

**VII. Methods and Observation. M.—F. Summer Term.**

This course presents the elementary theory and practice needed by the beginner. Special attention is given to the method of recitation, course of study, school organization and discipline. One-half of the time is given to discussion of theory and the other to observation of expert teaching that illustrates the principles presented. The observation is carefully directed and interpreted.

**VIII. Normal Grammar.****M.—F. Fall Term.**

The aim of this course is two-fold: (1) a critical study of the essentials of English grammar, especially the sentence and parts of speech with emphasis on the relation of words and their correct combination in sentences and (2) a discussion of various methods of teaching the English language and particularly formal grammar, in the grades.

**IX. Normal Arithmetic.****M.—F. Spring Term.**

The aim of this course is to give facility and accuracy in solving practical problems, to explain and simplify the principles underlying the subjects, and to give suggestions and training in teaching. Exercises from var-



ious books and examinations are worked; blocks, coins, weights and measures, and drawings are used in illustrating and field excursions are made for practice. While the subject matter is thoroughly treated, the methods of teaching classes of children are emphasized by lectures on the use and abuse of definitions, what subjects are important, and the history of the development and teaching of Arithmetic

#### **X. Geography.**

**M.—F. Spring Term.**

After a physiographic study of the earth, the development and resources of the leading countries and nations of the world are taken up with special emphasis upon the United States. An effort will be made to trace the influence of soil, climate, and other physical conditions as determining factors in the resources of different regions, and the resulting development of trade and important commercial centers. The Conservation of Resources will receive careful attention.

#### **XI. U. S. History.**

**M.—F. Three Terms.**

The work in history aims to unify and systematize the students' knowledge of the subject. Topics are chosen that are typical in their character which when grouped together will make a view of real movements and important phases in our history. The usual amount of time will be given to special instruction in methods of teaching.

#### **XII. Physiology.**

**M.—F. Winter Term.**

With a high school preparation the student is able to take an advanced course in Human Physiology. The didactic and laboratory methods are combined in such a way as to give the pupil a comprehensive and scientific knowledge of the structure of the human body and of the laws of health.

#### **XIII. Vocal Music.**

**M.—F. Each Term.**

Instruction in music will serve to add to the general

culture of the student and will prepare him to meet the requirements in music that are demanded of the teacher in a number of states. The course includes the study of notations, scales, keys, signatures, intervals, dynamic signs, movements and so forth.

#### **XIV. Penmanship.**

**M.—F. Each Term.**

Directions are given for the proper position at the desk, the proper movement, so that the student may learn to write legibly, and rapidly without tiring. An unshaded simplified style is taught.

### **ACADEMIC COURSES**

Full description of High School and College courses is given in the College and Academic Departments above.

### **SUMMER SCHOOL**

Special attention is given to the training of teachers during the Summer Term. For information see Summer School.

# BIBLE SCHOOL

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JOHN E. HARTZLER, President.

IRVIN R. DETWEILER .....	N. T. Introduction
JONAS S. HARTZLER ..	Life of Christ, Bible Geography
PAUL E. WHITMER .....	English
JOHN E. WINTER .....	Psychology
WILLIAM WEAVER .....	History
MARTHA MARTIN .....	English
AMOS EBERSOLE .....	Vocal Music

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Never before in the history of the church has there been such a deep interest in all branches of aggressive Christian work. The institutions and agencies that have been organized to carry forward the work, call loudly for the service of consecrated and equipped young men and women.

Since the Bible contains God's message to His people it must ever be a source of information and inspiration to all effective workers of the Church, the Young People's Meeting, the Sunday School, and the Mission Field. With a keen sense of this need and an earnest desire to help meet it, several courses in Bible Study have been outlined which, as experience shows, are helpful to the Christian worker. The courses vary in scope and method so that the need of practically every one may be served.

## REGULAR COURSE

This course covers two years and is open to those who have completed a four year Academy or High School course. In addition to the careful inductive and exegetical

work in the English Bible, both Old and New Testament, several courses in the Greek New Testament and an introductory course in Old Testament Hebrew are given. All these with the work in Theology, Practice, Church History, Missions, and Vocal Music make a unified and well balanced system of courses, especially helpful to Missionaries, Church and Sunday School workers.

## CURRICULUM

### FIRST YEAR

FIRST TERM	SECOND TERM	THIRD TERM
Old Testament I.....	Old Testament I.....	Old Testament I.....
New Testament I.....	New Testament I.....	New Testament I.....
Theology I.....	Theology I.....	Theology I.....
New Testament V.....	New Testament V.....	New Testament V. ...
Psychology.....	Psychology.....	Ethics.....

### SECOND YEAR

Old Testament II.....	Old Testament II.....	Old Testament II.....
New Testament II.....	New Testament II....	New Testament II....
Theology II.....	Theology III.....	Theology III.....
New Testament VI.....	New Testament IV....	New Testament VI....
Electives.....	New Testament III-IV	Church History....

## PROGRAM OF COURSES

### OLD TESTAMENT

#### I. History and Prophecy. M. W. F. Three Terms.

In the first year of this course the history of Israel is carefully traced from the conquest to the fall of Jerusalem. Special attention is given to the chronological order of the scripture material and the historical settings of the prophecies, their genetic relation to the political, social and religious environment, the element of moral and spiritual truth which they convey and any Messianic predictions they may contain. After the historical background of the period is laid the prophetic messages are studied in detail upon the basis of the scripture material. These courses furnish an introduction to the various departments of Old Testament study.

a. The history of Israel is traced from the conquest to the fall of the Northern Kingdom, by an analytical and comparative study of the portion of Joshua, Judges, Samuel, Kings and Chronicles that deal with this period.

b. Prophecy to the fall of the Northern Kingdom. A study of the rise, content, classification, definitions and principles of prophecy and a detailed study of Amos and Hosea.

c. The history of the Southern Kingdom from Uzziah to the fall of Jerusalem with special study of Isaiah and Micah. Not given 1914-15.

## **II. History and Prophecy.**

**M. W. F. Two Terms.**

The literature of the Babylonian period of Judah's History, Babylonian Exile, the Greek age to the Maccabean revolt. The same aim and method in the study of Old Testament History and Prophecy will be continued as in Course I.

## **III. Poetry and Wisdom.**

**M. W. F. Spring Terms.**

A general survey of Hebrew Poetry and Wisdom Literature with a more careful study of characteristic selections. The aim is to familiarize the student with this phase of Old Testament literature.

# **NEW TESTAMENT**

## **I. Special Introduction.**

**T. Th. Three Terms.**

These courses aim to make the student familiar with the origin and development of our New Testament writings. In the study of the several books, each book is considered with respect to its historical setting, literary character, author, first readers, occasion, aims, and social, ethical, and doctrinal teaching. The discussion and lectures in class are supplemented with assigned readings and written reports.

a. The Gospel of John. A thorough inductive study of the Gospel. Development of thought is traced and the

leading terms of the Gospel are studied in preparation for a study of Johannine Christology in the following course.

b. The Epistles of John. The Epistles are used to supplement the teachings in the Gospel in the development of the Christology of the Johannine literature

c. The Epistles of James, Peter and Jude. The same inductive and analytical method will be used as in the preceding courses.

## **II. Special Introduction.**

**T. Th. Three Terms.**

a. The Gospel of Luke. In addition to the work of introduction special attention is given to the sections peculiar to this Gospel, and a discussion of the synoptic problem.

b. The Book of Acts, the beginning of Christianity, growth in Palestine and the work of Paul.

c. Pauline Epistles. The general Principles of Introduction are used in a study of the Pauline Epistles with a careful study of Galatians and Phillipians Not given 1914-15.

## **LANGUAGE**

### **III. New Testament.**

**M. W. F. Three Terms.**

The first two terms are devoted to the mastery of the elements of the New Testament Greek and a vocabulary sufficient to begin the reading of the Gospel of John. The third term is devoted to reading the Gospel of John and a review of the Grammar studied in the preceding terms. Prerequisite, two terms training in language study.

### **IV New Testament.**

**M. W. F. Three Terms.**

A careful translation of Mark, Matthew and Luke. Word study and an application of Moods and Tenses of the Greek language. The grammatical study with special emphasis on syntax will continue through the year. Prerequisite course III or its equivalent of classical Greek.



**V New Testament.****M. W. F. Three Terms.**

A translation of the acts of the Apostles, miscellaneous Epistles and selections from the Septaugint. Special attention will be given to the mastery of the grammatical and lexical peculiarities of the Hellenistic Greek and the relation the Septaugint sustains to the Hebrew of the Old Testament and the Greek of the New Testament.

**EXEGESIS****VI New Testament. Epistles, Romans and Hebrews.****T. Th. Three Terms.**

Special attention will be given to the problems and teachings of the primitive Church and the doctrines that grew out of them. The methods will be a presentation by the class of the results of exegetical study, using only the Greek text, lexicons and grammars, with work on introduction. Careful work will be done in translation, brief commentary, and close paraphrase. Not given 1914-15.

**THEOLOGY****I. New Testament Theology. M. W. F. Three Terms.****a. Teaching of Jesus.****First Term.**

This course is based on the historical and careful exegesis of the New Testament. A working knowledge of the Greek, while a great help, is not absolutely required. The aim is to give thorough acquaintance with the materials, the fundamental principles in the teaching of Christ, and to give practice in gathering and utilizing such material. Jesus' conception of the Kingdom of Heaven, of Prayer and of kindred subjects will be given attention.

**b. The Teaching of Paul.****Second Term.**

The method and aim of Course (a) will be continued through this course. The special aim will be to ascertain Paul's exact teaching on the Law, Sin, Grace, the Flesh and like subjects.

**c. Apostolic Church.****Third Term.**

The aim of this course shall be to trace carefully the origin, problems, rise and development of the early church. Prerequisite N. T. I, II.

**II. Apologetics.****M. Th. Fall Term.**

This course will follow two lines of investigation—the practical and speculative. The historical sketch of Apologetics, functions and methods, theories of the universe—Christian and anti-Christian, Pantheistic, Atheistic, Materialistic, Deistic, Agnostic, the Christian Gospel and experiences, with the fundamental proofs of the Christian religion will be thoroughly considered. Prerequisite Philosophy I and V and Course I in Theology.

**III. Systematic Theology.****M. Th. Winter and Spring Terms.**

In this course a general survey of theology covering the leading points of Christian doctrine will be taken. The source of Christian Theology, Inspiration and Authority of Scripture; God, Man, Sin, Christ, the Holy Spirit and things to come will be taken up. Papers on special problems will be required during the course. Prerequisite Course I in Theology.

**IV. Practical Theology.****M. W. Three Terms.****a. Homiletics.****Fall and Winter Terms.**

Preaching and the preacher; the theory of preaching; various kinds of sermons; the text; essential qualities of the sermon; the introduction, the body and conclusion of sermon, with practical work in constructing and writing sermons will constitute the main work of this course. (Lectures, Reading, Sermonizing.) Not given 1914-15.

**b. Pastoral Theology.****Spring Term.**

The text will cover the subjects of The Present Call; Pastoral Evangelism; The Price of Power; Personal Evangelism; Evangelistic Preaching; Pulpit Power; Spec-

ial Revival Periods; Methods of Revival Work, and others of great importance to the modern preacher.

### RELIGIOUS EDUCATION.

#### VII. Elementary General Psychology. M.—F. Fall Term.

This course consists of a rapid survey of the facts of mind, preceded by a brief discussion of the various fields of psychological reseach, such as normal and abnormal psychology, psychophysics, and physiological psychology, The instrumental and the genetic-functional viewpoints are clearly distinguished throughout. The study of a standard text is supplemented by lectures, collateral reading and experiments.

#### VIII. Child Psychology. M.—F. Winter Term.

This course is based on Course VII and consists in an interpretation of the child's mind, from both the instrumental and genetic-functional standpoints, as a basis for the learning process. Special attention is given to such topics as imitation, inhibition, emotions and the moral ideas of children. The study of a standard text is supplemented by lectures, collateral readings and reports

#### III. Ethics. M.—F. Spring Term.

A course in ethical theory, partly historical, partly critical and constructive. Text book, lectures and collateral reading. Prerequisite, Course 1.

### ENGLISH COURSE

There are those who are or might be effective workers in the Lord's cause who have a very limited education, and who have no knowledge of Greek, and are otherwise not prepared to take the regular course, but desire a better knowledge of the English Bible.

The English course has been outlined for their special benefit. The Bible subjects in this course are studied

from the sacred book itself and not from books about the Bible.

## TWO YEARS COURSE

FIRST YEAR		
FIRST TERM	SECOND TERM	THIRD TERM
Times of Jesus.....	Life of Jesus.....	Life of Jesus.....
Biblical Intro. O. T. ....	Biblical Intro. O. T. ....	Biblical Intro. O. T. ....
English I.....	English I.....	English I.....
History I.....	History I.....	History I.....
Music.....	Music.....	Music.....
SECOND YEAR		
Biblical Intro. N. T.....	Biblical Intro. N. T.....	Biblical Intro. N. T.....
Church History.....	Church History.....	Church History.....
The Origin of Bible	Life of Paul.....	Early Church.....
Missions.....	Personal Work.....	Personal Work.....
	Homiletics.....	Homiletics.....

## PROGRAM OF COURSES

**Times of Jesus.** T.—F. Fall Term.

Geography, history, customs, religious sects and ideas, Historical relations of the life and teachings of Jesus.

**Life of Jesus.** T.—F. Winter and Spring Terms.

An inductive study of the life of Jesus on the basis of the Gospels.

**Biblical Intro. Old Testament.** T.—F. Three Terms.

The purpose of this course is to give the student a thorough working knowledge of the Old Testament in English. The student will read the entire Old Testament and locate each book in its chronological order. Outline certain books; write papers on selected subjects. Attention will be given to the literature of the Old Testament history of the Hebrews and reading of the entire prophetic literature.

**Biblical Intro. N. T.** T.—F. Three Terms.

This course aims to give the student a serviceable

knowledge of the books of the New Testament. The text book is the Bible with some outside reading.

**The Origin of the Bible.**

**T.—F. Fall Term.**

A study of the history of the Bible as the expression of the religious life of Israel; the life of Jesus and the growth of Christianity in the literature of the New Testament.

**The Life of Paul.**

**T.—F. Winter Term.**

A chronology of his life, his conversion, his missionary journeys, his attitude toward the church of Jerusalem, as a missionary and the character of his letters.

**The Early Church.**

**T.—F. Spring Term.**

The beginning and growth of the church in Palestine and the expansion of Christianity into the Roman Empire on the basis of the Book of Acts.

**Missions.**

**T.—F. Fall Term.**

A general introduction to the study of modern missions, principles, methods and aim.

**Personal Work.**

**T. Th. Winter and Spring Terms.**

An inductive study based on the scripture with application to modern men and methods. General principles, motives, message, method and aim.

**Homiletics.**

**W. F. Winter and Spring Terms.**

Construction and delivery of addresses and sermons.

**Church History.**

**T.—Th. Three Terms.**

This course will cover an outline of Church History from the beginning of the church to the present time. The first term will cover the history from the beginning to 590 A. D. The second term will cover from 590 A. D. to the Reformation. The third term will extend from the Reformation to the present time.

**HISTORY AND ENGLISH**

For description of these courses see pages 42, 43.

**MUSIC****1a. Vocal Music.****M.—F. Three Terms.**

This is a practice course including instruction in rudimentary principles and in reading and singing music in two, three and four parts. The examination at the end of this course will admit into the chorus. Time required three terms. This class is free to students from any course. Class each day one-half interval.

Special promotion may be applied for during the first and second terms.

**1b. College Chorus.****M.—F. Three Terms.**

The chorus will be under the personal supervision of the Director and as rapid progress will be made as the ability of the singers will allow.

The work will be a drill in reading advanced music. Systematic practice will be conducted in intermediate tones and the minor modes. Contrapuntal exercises and difficult chord work will be taken up. Oratorios and Cantatas will be studied. Class each day one-half interval.

**SPECIAL BIBLE TERM**

In response to the expressed wishes and with the kind cooperation of the Special Bible Term students of former years, we are glad that we are able to offer the following courses and instructors for this term of work. Instead of four weeks as previously given the term is lengthened to six weeks, and by special arrangement a new feature is added to the course. The classes will spend the holiday week in observation work. For those who wish to study city missions arrangements have been made in Chicago. The forenoon will consist in class work, the afternoon and evening in visiting the various institutions and districts of the city, such as Pacific Garden Mission, Cook County Hospital, Jail, Juvenile Court, Settlements,



etc. For those wishing to study rural work arrangements have been made with a congregation near Goshen in which will be conducted a Bible conference and general observation work. This will give the student opportunity to study the problems of the church. Each student will be appointed to study a special phase of the work and give a written report upon same the following week.

By J. E. Hartzler, Sunday School Methods, Christian Doctrine.

By J. S. Hartzler, Travels in Bible Lands, Life of Christ.

By I. R. Detweiler, Sunday School Lessons for 1915.

By M. C. Lehman, Dhamtari India, Foreign Missions.

By J. N. Kauffman, Dhamtari, India, Foreign Missions.

By J. K. Bixler, Wakarusa, Ind., The Rural Problem.

By B. B. King, Ft. Wayne, Ind., City Missions.

By A. M. Eash. Chicago, Ill., City Missions.

By Amos Ebersole, conducting and teaching of Sacred Music for Church and Sunday School.

**Aim:** To give definite instruction in all the above subjects. The student can take a part or all of the above courses.

**Methods of Instruction:** Lessons will be assigned each day which will be taken up the next day in class recitation and general discussion. Whole books of the Bible are carefully studied.

**Opportunity for Study:** During the Special Bible Term the student rooms and boards at the school which gives him all the time between classes for study and preparation of definite assigned lessons.

**Equipment:** The Library contains a large number of religious books such as Bible and Church Histories, Bible Dictionaries and Geographies, Commentaries, Maps and Charts, to all of which the student has free access.

**Note:** Courses are so arranged that those who desire to remain longer than six weeks may do so by entering the regular course.

# SCHOOL OF MUSIC

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**JOHN E. HARTZLER, President**

**\*JOHN D. BRUNK, Director . . . . . Voice, Theory, Chorus**

**AMOS S. EBERSOLE, Associate Director . . . . .**  
**. . . . . Voice, Theory, Chorus**

**\*SYLVIA BONTRAGER . . . . . Piano, Organ**

**ELLA DECAMP . . . . . Piano, Organ**

**GERARD J. DINKELOO . . . . . Public School Music**

**PAUL E. WHITMER . . . . . English**

**MARTHA MARTIN . . . . . Elocution**

It is the aim of this department to give thorough instruction in such theoretical and practical studies of music as will fit the student for the profession as teachers and artists, but the courses are so arranged that the single branches may be pursued simply as a part of general culture or as an accomplishment.

Since much depends upon the time and careful attention that the student will devote to the preparation of his lessons, it is difficult to designate a time limit for the satisfactory completion of any of the courses offered. The work in this department therefore, has been arranged according to grades. Pupils who have had experience in any of the branches taught in the department may pass an examination when entering which will determine the grade of work to be assigned to them.

## DIPLOMAS

A diploma of graduation will be awarded those who satisfactorily complete the full Piano course, Vocal course, and Teachers' course.

**\*Absent on leave.**

## CERTIFICATES

Certificates of graduation will be granted to those who complete the Choristers' course or Reed Organ.

## PREPARATORY COURSE

There are two classes in which this very important work is done. Great care is taken to make these classes strong and practical. No student should neglect the foundation training.

**Introductory Knowledge.**—This class will study the rudiments of music embracing scales, keys, signatures, intervals, dynamic signs, tempo marks, etc.

**Vocal Music.**—This is a practice course including instruction in rudiment principles and in reading and singing music in two, three, and four parts. The examination at the end of the course will admit into the chorus. Time required is one to two terms. This class is free to students from any course in the institution.

## SUPPLEMENTARY THEORY

The theory outlined below is not intended to be taken without studies in applied music but may be pursued by College students or music students not taking their piano in this school. The order of the theory is as follows: Introductory Knowledge, Solfeggio, (which is also a practical course), Harmony, Composition, History of Music, Harmonic Analysis, and Musical Forms.

Thoroughness is insisted upon. The aim is to make these courses very practical.

## MUSIC TEACHERS' COURSE

The Teachers' Course is intended to qualify for a musical career in conducting and teaching in musical institutions, normals, schools, etc. The study of theory, instrumental music and voice culture in this course, is pursued from the beginning to the close of the second year. (See outline).

### First Year

**First Term.**—Vocal Music, Introductory Knowledge, Solfeggio, Piano, Voice Culture, and one Academic Study,

**Second Term.** Chorus, Solfeggio, Piano, Voice Culture and one Academic Study.

**Third Term.**—Chorus, Harmony, Piano, Voice Culture and one Academic Study

### Second Year

**First Term.**—Solfeggio, Harmony, Musical History, Piano, Voice Culture, and one Academic Study.

**Second Term.**—Chorus, Harmony and Composition, Musical History, Piano, Voice Culture, and one Academic Study.

**Third Term.**—Chorus, Harmony and Composition, Methods of Conducting, Piano, Voice Culture, and one Academic Study.

### Third Year

Theory, entire year; Psychology, entire year; and Voice Culture or Piano, or Public School Music and Voice Culture.

**Note.**—In the above courses Reed Organ may be substituted for Piano in the first year. The studies for the Piano and Voice Culture are the same in the Teachers' Course as outlined in the Piano Course and in the Voice Culture Course.

To those taking the entire Music Teachers' Course we make the following reduced price per term. These prices quoted for "Private" and "Class of Two" refer to tuition in Piano, Organ or Voice Culture or any Branch which is desired privately.

Lessons taken privately or in class of two are twice a week. Recitation intervals are fifty minutes.

	Private.	Class of Two.
Instructors .....	\$20.00	\$11.50
Assistants .....	14.00	8.00

Vocal Music, Supplementary Theory, one Academic Study, and piano rent, per term, first year \$12.00; second year \$15.00.

### VOCAL COURSE

The training of the individual voice is of first interest here. The quality and power of the voice are what make an impression upon the hearer. These characteristics depend upon correct breathing and the method of tone production, hence a great deal of emphasis is placed upon this important work.

**Grade One.**—Breathing, Tone Production, Intonation, Songs, Easy Arpeggios and Scales, Abt Tutor, Elementary Vocalises, Concone and Seiber, suitable songs.

**Grade Two.**—Principles of Grade One continued. Enunciation, Difficult Scales, Vocalizes from Concone and Abt, Songs, Ensemble.

**Grade Three.**—Masterpieces of Vocalization, Interpretation, Repertory, Songs and Arias.

**Grade Four.**—A continuation of interpretation, Repertory building, Arias and the classical Song Literature.

**For Graduation.**—Those who satisfactorily complete the above Vocal Studies, the Music Teachers' Course, the Supplementary Theory, and perform successfully in public at least three times will be awarded a diploma of graduation from the Vocal Course.

### PREPARATORY

Loeschlorn technic, Kullak's Octave Studies, sight-reading, ear training, transposition, scales, etudes,

little Preludes by Bach, Schumann Op. 68. Selected Pieces.

### INTERMEDIATE

Joseffy's Advanced Piano Playing Scales, transposition, Etudes, Bach's two and three part invention, easier selections from Hadyn, Mozart, Beethoven, Schumann, Modern Composers.

### ADVANCED

Chopin Etudes, Nocturnes, Waltzes, Bach: French and English Suite, prelude and fugues; more difficult selections from Mendelssohn, Mozart, Weber, Beethoven. Modern Composers.

### SPECIAL STUDENTS

Students desiring to study music merely as an accomplishment, are not required to make up a specific course, but may select work from any of them. Such pupils will not be eligible for teacher's certificate or diploma.

For Graduation.—To those who satisfactorily master the above Piano Course, the Music Teachers' Course, the Supplementary Theory, and perform successfully in public at least three times, a Diploma of graduation from the Piano Course will be awarded.

### PUBLIC SCHOOL MUSIC

A training Course for Supervisors of Music in Public Schools.

A thorough and systematic course in Notation and Terminology, Ear Training, Oral and Written Dictation Sight Singing, Primary and Intermediate Methods, a pedagogical Course including Psychology and History of Music.

Observation lessons in the city schools will be given, covering the work of the grades from the Kindergarten through the High School.



Instruction and practice in Chorus Conducting, Note Singing and Training of the Child Voice.

For Graduation.—To those who successfully master the Music Teachers' Course, two terms of Public School Music and the Academy or First Class High School Course, a Diploma of Graduation from the Public School Music course will be awarded.

Tuition for Public School Music, two terms, in advance, \$18.00.

CHORISTER'S COURSE

First Term.—Voice Culture, Introductory Knowledge, Solfeggio, Vocal Music, one Bible Study, and one Academy Study.

Second Term.—Voice Culture, Harmony, Methods, Chorus, one Bible Study, and one Academy or College Study.

Third Term.—Voice Culture, Harmony, Methods, Chorus, one Bible Study, and one Academy or College Study.

Tuition for those who take the entire Choristers' Course as follows:

Academic Studies .....	\$7.50
Music Studies, except voice .....	7.50
Voice same as listed under Teachers' Course.	

A few scholarships to cover part of the tuition of above courses are available.

REED ORGAN

We do not publish an outlined course for this instrument, but an outline may be agreed upon between the pupil and the musical director to meet the special needs of the individual desiring such a course.

## REMARKS

### Class of Two

Voice Culture, Piano, and Organ may be studied in classes of two. This plan curtails expense and gives to many individuals better advantage than private instruction. No one is held back because of others, each pupil has his own studies and pieces; and although he does not practice the lesson of his classmate, he nevertheless by hearing it recited learns his music in addition to that in his own practice. It really amounts to a private lesson before others, which enables one to sing or play with ease and grace in society or public. By this system, "ability is matched with ability, mind comes in contact with mind, and intellect is sharpened with intellect". Seeing others overcome difficulties, inspires us to overcome our own.

### College Chorus

All registered students who are qualified may enter this class free of charge. The chorus will meet for practice one-half interval each day. The work will be a drill in reading advanced music. Systematic practice will be conducted in intermediate tones and the minor mode. Contrapuntal exercises and difficult chord work will be taken up. Cantatas and Oratorios will be studied.

### Piano Lessons for Children

We make the following low rates of tuition for children under twelve years of age. These lessons are given by a well trained teacher. A term consists of twelve weeks. Lessons may be taken after school hours or on Saturdays.

Special Tuition, Payable in advance:

Twice a week (20 min.) .....	\$7.50
Once a week (20 min.) .....	4.00

### Note

Pupils pursuing the Music Teachers' Course must give

evidence of literary attainments or take the Academic Studies allowed in the courses.

Candidates for Diplomas must perform successfully in public at least three times.

Recitals will be given and pupils who are sufficiently advanced are expected to appear on these programs in preparation for public performance.

On entering the School of Music bring with you such songs, pieces, exercises and studies as you have on hand.

The class called "Vocal Music" is a free class to all pupils of the College and meets daily for one-half interval.

Lessons and practice periods are fifty minutes in length.

Beginning pupils in Voice Culture, Piano, or Organ should register for two lessons per week and for not less than one term of twelve weeks.

Those who wish to finish the Music Teachers' Course must be students of the School of Music for at least three terms and are required to take private work not less than two terms in their Major subject.

Those who wish to finish the Vocal course must be students of the School of Music at least six terms and are required to take private lessons in Voice Culture not less than three terms.

Those who wish to finish the Piano Course must be students of the School of Music at least six terms and are required to take private work in Piano not less than three terms.

The Virgil Clavier is an instrument to be used in hand development. This system may be had on application.

Solfeggio is a term used in our courses to designate the class in ear training and sight reading.

# SCHOOL OF BUSINESS

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**JOHN E. HARTZLER, President,**

**ORIE MILLER, Principal.**

**Bookkeeping, Penmanship, Commercial Arithmetic**

**JOHN E. WEAVER ..... Shorthand, Typewriting**

**WILLIAM B. WEAVER ..... Civics, Economics**

**MARTHA MARTIN ..... Grammar, English**

## BOOKKEEPING

We teach the H. M. Rowe system of Bookkeeping and Accountancy. This course is very practical and up-to-date, being absolutely the last word on Bookkeeping. This course presupposes a good general education. A strong eighth grade student can finish in about nine months, while a high school graduate can generally finish it in less time.

The course usually taken requires thorough work in all attendant branches and in the principles of Bookkeeping and Accountancy as follows:

### Bookkeeping I.

**M.—F. Fall Term.**

A budget is used which is intended to train the pupil in the art of recording the simpler transactions used in a single proprietorship business. The papers used in the business practice are those in common use in any small grocery business. The goods bought and sold are those with which any student is familiar, the prices are simple and the calculations are easy, the aim is to get the pupil to become familiar with the purpose of the transaction rather than the dollars and cents involved.

The books used in this set are: The Cash Book, Purchase Book, Sales Book, Journal, Ledger, Check Book and Bank Book. At the end of each month's business the pupil is required to make out the various statements incidental

to the business such as Trading, Profit and Loss, and Resource and Liabilities Statements.

The student on finishing this set is not only prepared to proceed with the following sets but can also be book-keeper for the business of any small merchant.

### **Bookkeeping II.**

**M.—F. Winter Term.**

The second set in Bookkeeping and Accountancy illustrates wholesale business as conducted by partners. At first the business is conducted by two, later additional partners are admitted. Special rulings and columns are illustrated in this set. The accounts and principles are very similar to those used in any wholesale grocery business. The terms of credit and discounts on various groceries are as nearly correct as possible. These differ in detail in all wholesale grocery houses but the principles involved are very nicely illustrated. Special supplementary exercises are given throughout the course which not only add zest but serve as just the thing to fix on the mind of the pupil some of the more basic principles. One important principle impressed in this set is that however, much the details in various systems of Bookkeeping may differ the general principles are the same. So if the pupil understands these principles thoroughly, he will rarely fail in the ability to quickly adapt himself to any system.

### **Bookkeeping III.**

**M.—F. Spring Term.**

The third budget represents a commission business conducted by a corporation. Much of the business carried on in the larger cities is conducted on a commission basis. The nature of the accounts and transactions are such that the student will become very familiar with business of that nature. Enough supplementary exercises are given to show the pupil the method used in opening and closing the books of a corporation. Two of the special features of this set are: The Account Sales Register originated by the author and now universally

used in wholesale houses, and the Cash Journal also originated by the author. Its distinctive feature is its special columns. It is rapidly gaining in popularity. After completing this set the student has learned the essentials used in keeping a set of books for a single proprietor, a partnership or a corporation. This completes the book-keeping and accounting work which is included in the nine months period.

#### **Bookkeeping IV.**

While three budgets will give a student a practical knowledge of the essentials involved in ordinary Book-keeping for those interested in advanced work we teach sets on Banking and Finance, Manufacturing, Real Estate and Agriculture. We are sure no one would regret taking any or all of these special courses.

#### **Business Penmanship.**

**M.—F. Three Terms.**

One of the best recommendations a young man or young woman can have in seeking employment is a neat, legible hand writing. From the day he enters he is under the instruction of a teacher, who employs only the most efficient means to secure to every student the most practical and desirable style of penmanship possible.

#### **Commercial Arithmetic. M.—Th. Fall and Winter Terms.**

A thorough and comprehensive knowledge of the science and application of the principles of Commercial Arithmetic are essential for rapid promotion in office work. The subject is made practical and interesting by the application of many original methods. Since numbers are employed in every transaction our students are required to be especially proficient in this respect before they are allowed to graduate.

#### **Commercial Law.**

**M.—F. Winter Term.**

We do not aim to fit our students for the legal profession but to give them sufficient knowledge of law relating to commerce that they may conduct their own busi-



ness with confidence. Although this subject is usually considered uninteresting and difficult you will be agreeably surprised if you join one of our classes. We use Hufcutt's Commercial Law as a text.

### SHORTHAND

The Gregg System of Shorthand is taught. It is simple, easily acquired and yet perfectly adequate for all kinds of stenographic work. The following regular courses are given; however, if demanded, beginning classes may be organized at the beginning of each term.

#### Shorthand I.

M.—F. Fall Term.

In this course the elementary and fundamental principles of the system must be thoroughly mastered for this determines the success of the Shorthand student. The work covers the first twelve lessons in the Gregg Shorthand Manual. Supplementary exercises are given each day to enlarge the student's vocabulary. The method used is that of drill and repetition.

#### Shorthand II.

M.—F. Winter Term.

The work in the Manual is reviewed and completed during the first few weeks but the text of the course is Gregg Speed Practice, a collection of classified business letters with vocabulary. These letters are written over and over by the student until they can be written with accuracy and speed. Practice in phrase writing and reading is an important feature of the course.

#### Shorthand III.

M.—F. Spring Term.

Although many students accept positions at the close of the second term, for those who wish to become more efficient or prepare for special lines of work we offer a third term. More attention will be given in this course to speed and to the technical terms used in the various professions.

**Dictation I.****M. W. F. Winter Term.**

This course accompanies Shorthand II. The Dictation book is in the hands of the Instructor only and consists of business letters graded to conform to the advancement of the class. These letters are written, transcribed and handed in. All work is inspected by the Instructor and the student is given individual help and advice. The emphasis in this course is placed upon the student's ability in reading his own notes. Supplementary work in the reading of well written magazine articles is also a helpful feature. Training is given in the routine work of an ordinary office.

**Dictation II.****T. Th. Spring Term.**

Accompanies Shorthand III and continues the work of Dictation I. The dictation matter is not so general but on such lines of work as the student prefers, as, Railroad, Insurance, Civil Service or Court Reporting.

**Business English.****M.—F. Fall Term.**

This is a course in practical applied English. It is not technical Grammar nor is it Composition. It gives essentials that lead to ready and correct expression of thought. Much attention is paid to the discrimination in the choice of words. The student is not burdened with rules but is given exercises which require original work and prepare him for the correspondence course which follows. A modern text is used.

**Correspondence.****T. Th. Winter Term.**

All business men realize the value and importance of a neatly written and well constructed letter and the ability to write such a letter is considered an important qualification of a good stenographer or bookkeeper. This course prepares students to meet this demand by giving practice in the writing of all kinds of business letters according to the latest and best methods. One hour per week is devoted to text book work and one hour to letter writing. The letters are read and criticised in class discussion.

**Spelling.****M. W. F. Three Terms.**

A man may have a good general education and be a poor speller but the stenographer or bookkeeper who can not spell need not expect to hold a good position. Many business men realize their own deficiency in this line and expect the stenographer or bookkeeper to be authority on the subject. For this reason we require all business students to take spelling during the entire course. A practical text book is used in which the words are defined and applied in sentences. Exercises are also given requiring original work.

**TYPEWRITING**

We teach touch typewriting in a thorough systematic manner. The keyboard is first well memorized so that any key may be struck, without raising the eyes from the copy. The student is then ready for the drills and practice as outlined in the "Expert Typewriting"—the manual used throughout the course. The Monarch and Remington machines are used and are fitted with shields which cover the entire key board and which aid the student in acquiring touch writing. A familiarity with these standard machines prepares the student for the operation of any machine in ordinary use.

**DIPLOMAS AND CERTIFICATES**

Students who complete a course including Bookkeeping, Typewriting, Penmanship, Commercial Law, Commercial Arithmetic, Correspondence and Spelling are entitled to a Diploma of Graduation. Certificates will be granted to those who complete either a course in Bookkeeping, Penmanship, Commercial Arithmetic and Commercial Law or Shorthand, Typewriting, Business English, Correspondence and Spelling.

## SUGGESTIVE CURRICULUM

## Commercial

## FIRST YEAR

FIRST TERM	SECOND TERM	THIRD TERM
Bookkeeping Penmanship Spelling Com. Arithmetic Business English	Bookkeeping Penmanship Spelling Com. Arithmetic Com. Law	Bookkeeping Penmanship Spelling Com. Arithmetic Civics

## Stenography

## SECOND YEAR

Shorthand I Typewriting Business English English I Penmanship	Shorthand II Typewriting Correspondence English I Dictation	Shorthand III Typewriting Correspondence English I Dictation II
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# SUMMER SCHOOL

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## THE FACULTY FOR 1914

JOHN ELLSWORTH HARTZLER  
President.

PAUL EMMONS WHITMER  
Dean and Professor of English.

DANIEL S. GERIG  
Registrar and Professor of German.

JONATHAN MELVIN KURTZ  
Professor of Physical Sciences.

CHRISTIAN B. BLOSSER  
Professor of Biology.

JOHN E. WINTER  
Professor of Philosophy and Education.

ALVIN J. MILLER  
Instructor of History and Social Sciences.

JOHN E. WEAVER  
Instructor of Mathematics.

ORIE O. MILLER  
Instructor of Penmanship and Commercial Branches.

MRS. C. L. COFFEEN  
Instructor of Domestic Science.

ANNA E. CHRISTOPHEL  
Instructor of Domestic Science.

WALTER E. YODER  
Instructor of Music.

META E. MARTIN  
Instructor of Public School Drawing.

The aim of the school is to place the equipment of the College at the service of those who cannot attend at other times and to meet the needs of the following classes: (a) College students who desire to make advance credits, (b) Common School and High School teachers, and (c) High School students who wish to make credits during the summer months.

The courses are changed from year to year in such a way as to make the work of one summer session continuous with that of the next. This is particularly true of advanced college and normal courses. Students are advised to pursue systematic work extending over several years.

The sixteenth annual Summer School, to be held June 1 to August 21, 1914, offers the following courses of instruction:

1. Elementary Agriculture ..... Professor Blosser
2. Agricultural Education ..... Professor Blosser
3. General Zoology ..... Professor Blosser
4. Physiology ..... Professor Kurtz
5. Introduction to English Literature Professor Whitmer
6. American Literature ..... Professor Whitmer
7. Victorian Poetry ..... Professor Whitmer
8. Academy English Literature ..... Professor Whitmer
9. Beginning German ..... Professor Gerig
10. Reading Course in German ..... Professor Gerig
11. Normal Grammar ..... Professor Gerig
12. English History ..... Mr. Miller
13. American History ..... Mr. Miller
14. Nineteenth Century European History.... Mr. Miller
15. College Algebra ..... Mr. Weaver
16. Plane Geometry ..... Mr. Weaver
17. Normal Arithmetic ..... Professor Kurtz
18. Methods and Observation ..... Professor Winter
19. Science of Education ..... Professor Winter
20. Educational Psychology ..... Professor Winter
21. Physiography ..... Professor Kurtz
22. Geography ..... Professor Kurtz
23. Normal Penmanship ..... Mr. Miller



24. Commercial Courses ..... Mr. Miller
25. Shorthand ..... Mr. Weaver
26. Typewriting ..... Mr. Weaver
27. Textiles and Sewing .....  
..... Mrs. Coffeen and Miss Christophel
28. Foods and Cooking .....  
..... Mrs. Coffeen and Miss Christophel
29. Vocal Music for Teachers ..... Mr. Yoder
30. Private Lessons in Voice ..... Mr. Yoder
31. Private Lessons in Piano ..... Mr. Yoder
32. Public School Drawing ..... Miss Martin
33. Private Lessons in Art ..... Miss Martin

The next annual session of the Summer School will open May 31, 1915 and will continue twelve weeks. The above outline of courses indicates the range and nature of the work offered each summer. The growth in attendance from summer to summer insures a corresponding expansion of courses in number and variety.

Write for special Summer School Bulletin.

GOSHEN COLLEGE, Goshen, Ind.

# CORRESPONDENCE DEPARTMENT

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The satisfactory completion of the following courses will be credited in the regular departments of Goshen College. Those deprived of school privileges can find practical help by mastering these courses at home. Students can make up extra credits during vacation or when required to be out of school for some time.

**I. Elementary New Testament Greek. Three Terms.**  
**I. R. Detweiler.**

This course is for beginners in N. T. Greek. It presents the essential facts and most elementary principles of the language. It contains memory work in the vocabulary and thorough drills in grammatical forms. There are easy exercises in reading and writing Greek. The student will read John's first epistle and four chapters of his gospel, with other selections, and receive some practical experience in the use of the Greek lexicon. The tuition is \$5.50 per term. The main text book is Huddilston's Essentials of New Testament Greek, 75 cents, postpaid. For the third term the following are also needed: Westcott and Hort's New Testament in Greek, \$1.00; and Thayer's Greek-English Lexicon of the New Testament \$5.00, postpaid.

**IX. Introduction to English Literature. Paul E. Whitmer.**

This course is the full equivalent of course IX in residence. It consists of a historical and critical survey of English literature from its beginning to the present time. The work is based on Crawshaw's The Making of English Literature for the historical background and Newcomer and Andrew's Twelve Centuries of English Poetry and Prose for the appreciative study of literary masterpieces. The tuition is \$5.50 per term.

First Term. History and masterpieces of English literature from 700 to 1688.

Second term: History and masterpieces from 1688 to 1832.

Third term. History and masterpieces from 1832 to 1900.

**Latin I.**

**Ephriam J. Zook.**

**I. First Year Latin (three terms.)**—This course offers the full equivalent of the first year's work in Latin as outlined in the resident Academy course. The work of each unit corresponds to the work of one term. The tuition is \$5.50 per term, and the text-book for two terms is \$1.00, postpaid.

First term: Collar and Daniell's First Year Latin to page 91.

Second term: The same text, pages 92 to 170.

Third term: Easy Latin Reading with review of forms and syntax.

**German II. Three Terms.**

**Daniel S. Gerig.**

This course is outlined to cover fully the amount of work usually done in the second year of resident work. Each term's work may be taken independently of the others. This arrangement will enable students who are in any way deficient in the first two units of modern language to make up the deficiency through correspondence. The tuition is \$5.50 per term and the text-book for the first term is 70 cents postpaid.

**III German. Three Terms.**

**Daniel S. Gerig.**

This is primarily a reading course corresponding to course III in residence. It aims at the acquisition of the foundation of idiomatic German on the basis of the language of the works studied. Special attention is given to the literary side of the works as well as to the individual merits of the author. Works from Goethe, Schiller, Heyse and Storm form its basis. Each term can be taken

independently of the others. Tuition per term, \$5.50.  
Credit per term, three hours.

**IV German. Prose Composition.**

**Two Terms.  
Daniel S. Gerig.**

Through the reproduction of ordinary narrative English into German and by means of original composition, the student is led to appreciate the difference between the idioms of the two languages. The course provides a comprehensive review of grammar and syntax of the language. Tuition per term \$5.50. Credit per term three hours.

Other German courses are given on application.

**GENERAL INFORMATION.**

The payment of tuition and text books is required with the order. All remittance should be made by bank draft or money order, made payable to the instructor offering the course. The student pays the postage both ways on the recitation papers.

Full directions are given with the lessons so that the student need not be in doubt as to what is expected of him or as to how he is to proceed with his work. He can begin at any time and work as fast or slow as his time or ability will permit for a thorough mastery of the lessons. The time limit for the completion of any one of these courses is one year, after which the student forfeits his right to further correspondence. Further information can be had by writing to the instructors offering the courses.

# GENERAL INFORMATION

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## HISTORY AND AMINISTRATION.

Goshen College had its beginning in the Elkhart Institute, Elkhart, Indiana, in 1895. In 1896 its own building was erected and dedicated. In 1898 the institution was incorporated under the laws of Indiana. In 1901 the Constitution of the Association was amended so as to allow a board of twenty-five instead of nine members. These were distributed throughout the church. In 1901 a committee appointed by this board to secure a more favorable location and a larger campus, selected the present site in the southern part of the city of Goshen, Indiana. Here the school was opened in the rooms of East Hall, September 29, 1903. The Administration Building was dedicated January 8, 1904.

To make the school a church institution the private stockholders donated their shares to a Board of Trustees now known as the Mennonite Board of Education. This Board was organized November 16, 1905. The property was transferred to it in February, 1906. Goshen College is controlled by the Mennonite Board of Education. The business and prudential affairs of Goshen College are managed by an Executive Committee consisting of the President, Dean and five other members appointed annually by the Mennonite Board of Education.

## LOCATION

Goshen is a residential city of ten thousand people located on the main line of the Lake Shore and Michigan Southern Railroad, one hundred and ten miles east of Chicago, and on the Louisville and Benton Harbor branch of the Big Four. The Northern Indiana and Winona interurban railways maintain an hourly service through Goshen to the north, south and west. The Elkhart River, which is noted for its beauty flows through the city and in its valley lies one of the richest farming communities in North-





READING ROOM





VESPERIAN PHYSICAL LABORATORY

ern Indiana. The college campus consists of ten acres of ground located in Parkside, a beautiful suburb of the city.

### AIM

The aim of Goshen College is expressed by its motto, "Culture for Service". Through culture the student shall develop his life physically, intellectually, socially, morally and spiritually. Due attention is given to each as it is of importance in the life of the true man and woman. Religion is not made incidental in the institution, but is to pervade it in life and spirit. The end and aim of culture is to do, and not simply to be or know.

### CAMPUS AND BUILDINGS

The campus of Goshen College consists of ten acres beautifully located in Goshen College addition to the City of Goshen.

The Administration Building is a commodious four story, stone and brick structure. It contains modern well lighted recitation rooms, offices, library, reading room, assembly hall, laboratories, commercial rooms, gymnasium and cloak rooms.

Kulp Hall is a stone and brick building three stories above basement. It contains a students' dining hall, reception room, Matron's rooms and music studio together with practice rooms. The second and third floors contain rooms for young women. The building is well furnished throughout.

East Hall is a three story frame building. Aside from rooms for young men it has a reception hall and Master's quarters.

These buildings are heated from a central plant. All are supplied with hot and cold water. Both gas and electricity are supplied in all the rooms.

### LIBRARY

The College Library consists of nearly five thousand carefully selected volumes distributed in subject matter

among the different departments of instruction and books of general cultural interest. New books are constantly added through a special library fund and also by the Students' Library Association. These agencies have added more than 300 volumes during the year. The library is classified and catalogued according to the Dewey system and has every aid to make it of practical value to the student. The reading room is supplied with daily and weekly periodicals and the most important magazines. During the day the students have free access to the stack room and reference books may be consulted at any time.

The Mennonite Historical Library is a collection of books on Mennonite history and literature. It has been donated to the college by the Alumni Association and private individuals.

The city of Goshen has a large and well equipped Carnegie Library of 10,000 volumes to which the students have free access.

### THE LABORATORIES

The Laboratories occupy three large well lighted rooms in the basement of the College building.

**Chemical.**—The Chemical Laboratory is fitted up with twenty-one individual students' desks for experimental work in general inorganic chemistry, qualitative and quantitative analysis and organic chemistry. The desks are conveniently arranged and fully equipped with gas, water, waste sinks and reagent bottles. The evaporating hood has the ordinary gas connections. A supply room adjoining the laboratory contains the necessary chemicals and apparatus.

**Physical.**—The Vesperian Laboratory of Physics and Astronomy is provided with the necessary physical apparatus for both Academy and College work in mechanics, heat, light, sound, electricity and magnetism. It is well supplied with water, gas and electricity. A dark room is equipped for photometry and other experiments in light.

A three and one-half inch telescope equatorially mounted and controlled by a modern Gaertner driving clock is used in astronomical work.

**Biological.**—The Biological laboratory in addition to the usual furnishings is equipped with demonstration cases, a rack for insect cases, a large collection of mounted insects, bird skins, vertebrate skeletons, dissections in alcohol, life histories in alcohol, compound microscopes, microscopic slides, charts, models and a human skeleton. There are also a number of books for reference.

### MUSEUM

In the Museum, which is on the third floor of the College building, there are exhibited various things of interest such as fossil remains of animals, minerals, oriental costumes, Indian relics. Of especial interest is the India collection which represents more or less completely the life and customs of the central provinces, of India. Gifts to the museum are always appreciated, and plans are being made to protect with suitable cases all new material.

### GYMNASIUM

A large room with high ceiling in the basement of the main building is devoted to physical exercise. It is equipped with ladder, spring board, suspended rings, Indian clubs, dumb-bells and other equipment. A bath room with shower baths and dressing rooms adjoins the gymnasium.

### ATHLETIC FIELD

The athletic field contains a sixth-mile track, baseball diamond, and tennis courts. The Elkhart river runs near the College and affords opportunity for skating, rowing and swimming.

### COLLEGE FARMS

The college owns two farms in the vicinity of one hundred and fifteen and sixty acres, respectively. Some

students may find employment on them to aid in defraying expenses at school and some of the farm products are used in the college dining hall.

### ARRIVAL OF STUDENTS

Due notice should be given of the time and train on which students arrive, so that they may be met at the depot.

Students should leave their baggage at the depot, take the street car, going west from the depot and ask for a transfer to Goshen College, where arrangements can be made for room and board.

### REGISTRATION

1. On registration day at the beginning of each term every student (both old and new) must obtain in person at the Registrar's office, a registration card.

2. This card the student presents to the Head of the Department in which he desires to enroll.

3. The Head of the Department enters upon this card the subjects desired by the student, except for college Juniors and Seniors, who register with their major professor.

4. The student next presents this card to the several instructors whose courses he wishes to enter and the instructor affixes his signature opposite his course.

5. When each instructor's signature has been obtained, the student, presents the duly signed card at the Business office and settles for tuition and other fees.

6. When a student fails to file this card at the Business office before the close of the opening week of school a fee of fifty cents will be added to the tuition.

7. All accounts are due in advance.

8. All matriculated students who register later than the second day of each term will be charged a fee of one dollar (payable to Registrar on issuing of card) for registration.



9. New students after obtaining a registration card at the office of Registrar, must present themselves at the President's office for matriculation.

10. All students entering the institution for the first time are charged a matriculation fee of one dollar.

### **COURSE OF STUDY**

This catalogue gives a complete outline of the courses of study offered by Goshen College. Any one desiring to begin a particular branch of study should note carefully in the catalogue the date on which such branch begins in the regular course. Extra classes may be formed when six or more students desire to take the same study at the same time. Correspondence is invited when any special study is desired.

### **CHANGE OF STUDIES**

Changes of studies must be authorized by the Head of the Department in which the student is enrolled. Any subject once taken up cannot be dropped without the consent of the Head of the Department in which the student is enrolled.

### **EXTRA WORK**

Students are not allowed to register for more than the regular number of hours constituting the work of any department without the permission of the Committee on Extra Work.

Application for extra hours must be made on special blanks obtained at the Registrar's office and applications must be handed to the Chairman of the Committee on Extra Work during Registration Days.

When more than one additional hour is taken, additional tuition is charged at the rate of one dollar per term hour, except in case where extra tuition is already due for the course taken.

### **EXAMINATION AND GRADES**

Written examinations are given at the end of each



term and during the term at the discretion of the instructor. The student's work for the term includes recitation, written work and examinations and is graded as follows: A, B, C, D, E are passing grades; F, may be passed upon another examination; G, Failed.

### REPORTS

A report of each student's work will be sent at the end of each term to the parent or guardian of the student, upon request to the Registrar.

### DIPLOMAS

Diplomas will be given to all students who finish the work outlined in the College, Normal, Academy, Regular Bible, Voice Culture, Business courses, on condition that they have been students of the college at least one year.

### CERTIFICATES

Those who have completed the English Bible, Shorthand, Bookkeeping, Stenography, Elementary Music Teachers', Reed Organ, Public School Music Courses, and "A" and "B" Class Normal Course will be given certificates showing the work actually done.

### DISCIPLINE

It is the aim of the Faculty to maintain such discipline as will make it possible for the students to do their best work and form good habits of conduct. The Dean and Preceptress enforce the regulations as outlined by the Committee on Rules and Discipline and try to aid each individual student, by advice and criticism, to cultivate that spirit which seeks not only that which is best and noblest for self, but which has even a greater concern for the highest welfare of every member of the school.

### ROOMS

The young women are required to room at Kulp Hall except when excused by the Preceptress. Modern con-

veniences and homelike surroundings are features that make it a very desirable home for young women.

The young men may find rooms at East Hall or in private homes near the College.

### RULES

#### I. All students are required:

1. To attend chapel every day.
2. To abstain from the use of tobacco, card playing and profane language in the vicinity of the College.

#### II. Non-resident students are required:

1. To attend Sunday School and one church service each Lord's day at their regular place of worship.
2. To be at their homes at 8 p. m. except, (a) on Saturday, when the time is extended to 10 p. m. (b) when attending church services. (c) when attending meetings at the College, after which services or meetings they shall go immediately to their rooms.
3. Lady students shall not receive gentlemen callers at their rooms.
4. Students shall select rooms from among those approved by the Faculty.
5. Lady and gentlemen students shall not take rooms in the same home.

## STUDENT ORGANIZATIONS

### THE STUDENTS' COUNCIL

In order to facilitate the most helpful relations between the Faculty and student body a Students' Council composed of representatives from the various classes and religious organizations has been organized. This Council represents the students in a sympathetic cooperation with the Faculty in maintaining the best standards of College life and work. We believe that this plan has been the

means of securing the feeling of good-will so evident between Faculty and students.

### RELIGIOUS

The Young People's Christian Association, a religious organization of students, doing aggressive Christian work, has the general oversight of the religious work among the students and provides for other legitimate needs of student life.

Devotional meetings, which are a source of inspiration and general help to all students, are held every Thursday evening. Frequently Missionary topics are discussed at these meetings and problems of personal religion are often considered. A special effort is made to help students form the habit of regular devotional Bible study and for this purpose Bible classes are organized which meet every Tuesday evening for review of the daily studies. These courses continue throughout the whole of the Academy and College work and cover much of the Old and the New Testament. There are also several classes for the study of home and foreign missions. These meet every Sunday evening for a discussion of the week's studies. By means of these studies the students become familiar with the needs and call of the home and foreign mission field.

Two Mission bands (home and foreign) meet regularly on alternate Sunday mornings of the school year to study systematically the various subjects necessary for a complete knowledge of the home and foreign mission fields. Volunteers for missionary service find these bands a source of great help.

The Association also devotes part of its energy to student work. New students are met at the trains, assisted in finding suitable rooms, and given every possible assistance in beginning their work. An employment bureau makes it possible for students to earn a large part of their expenses.

### LITERARY

Three College and three Academy Literary Societies

conducted by students, are in successful operation under the general supervision of the Faculty. They give ample practice for original composition and public speaking.

**College.**—The Adelphian and Aurora Societies are for the men and Alethea Society for the women of the College Department. They have separate meetings every Monday evening and on Friday evenings they unite their efforts in presenting four public programs each term. These Societies are maintaining high standards in their work.

**Academy.**—The Ciceronian Society is for the young men of the Academy. It affords good training in logical debate and parliamentary law.

The Avon and Vesperian Societies are open to all young women of the Academy. They afford opportunities for practice of music, reading and original composition.

Joint meetings open to the public, are held by the Academy Societies on Friday evenings twice a month. Separate meetings are held by each society every Monday.

### STUDENTS' LIBRARY ASSOCIATION

The Students' Library Association is organized for the purpose of adding books to the library established by the Association. The Association draws on the funds of the literary societies for its support, and only members of the literary societies are members of the Students' Library Association.

### STUDENTS' LECTURE ASSOCIATION

The Students Lecture Association is organized for the purpose of conducting a course of lectures for the benefit of the students. The literary societies furnish the necessary funds for the course.

### ORATORICAL ASSOCIATION

The Oratorical Association is composed of students interested in Debating and Oratorical work. The membership is limited to the interclass and intercollegiate debat-

ing teams and orators in the Intercollegiate Peace Oratorical Contest.

### ALUMNI ASSOCIATION

The Alumni Association of Goshen College was organized April 13, 1901. Its object is "to maintain school friendship and a strong school spirit, to further the interests of the institution it represents, and to promote higher education". The Association has an endowment fund, the income of which in the past has been used to purchase books for the Mennonite Historical Library. These books were donated to the College. The collection is one of the most valuable of its kind in America.

### GOSHEN COLLEGE RECORD

The Goshen College Record, the official organ of the College, is a twenty-four page paper published in the interests of Christian education. The paper is published by the Board of Directors, supervised by the Faculty, and edited by a staff selected from the student body. It is the aim of those who publish the paper to make it serve as a medium for literary work, as a means of communication between present and former students, and as an exponent of the general work of the school.

### TEXT BOOKS

Text books are for sale at the College Book Exchange. A limited number of books that will be used the following year will be bought from students by the Exchange.

### PHYSICAL CULTURE

All students are expected to take the regular work in Physical Culture during at least the first year of their attendance. The gymnasium and bath rooms are located in the basement of the main building and the students may use them at any time.

### COLLEGE DINING HALL

It is the purpose of the managers of the College Dining Hall to furnish a plentiful supply of wholesome food at the lowest possible rates. Board in private families

can be secured near the College by those who desire such accommodations.

### STUDENTS' SELF HELP

Young people who lack sufficient money to pay all expenses will find many opportunities in Goshen to earn money while attending College. The College gives employment to a number who are doing tutoring, library, janitor or dining room work. All young women desiring to earn money have been able to get work to pay room and board. Young men find places in private homes to earn room and board, or get work on Saturdays as clerks. The College can do very little in securing promises of work before the person arrives. Employers wish to see the applicant before making promises.

### SCHOLARSHIPS

Provisions are made through scholarships, to assist worthy students who are preparing for general mission or church work. During the past year twelve students have received all or part of their tuition from these funds. Students desiring assistance through these scholarships, should make application to the scholarship committee, appointed from the Faculty.

### ENDOWMENT FUND AND BENEFITS

The Endowment Fund of Goshen College has become an important factor in meeting the expenses of the school and consists of the obligations of responsible individuals, paying an annual income. Some of these obligations have been paid in full and the money invested. Miscellaneous donations are applied as specified, and at the discretion of the officers of the Faculty and Executive Board.

Several wills have been made recently in favor of Goshen College. In such donations the following form should be used. "I hereby give, devise and bequeath to the Mennonite Board of Education, the sum of ..... Dollars to be used to maintain the ..... Fund of Goshen College, Goshen, Indiana.



# Calendar of Public Events

## 1913-1914

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September 26—Amos A. Ebersole, Honolulu, Hawaii, illustrated lecture, "Hawaiian Life".

October 29—Hamilton Holt, editor, "Independent Magazine", New York, lecture, "Commercialism and Journalism".

November 7—Inauguration of President John Ellsworth Hartzler.

Induction of President, Jonas S. Hartzler, Treasurer of Board of Education.

Addresses of Greeting:

Winthrop E. Stone, President of Purdue University.

Solomon F. Gingerich, Department of English, Michigan University.

Paul E. Whitmer, Dean of Goshen College.

Samuel Witmer, Class of '14, Goshen College.

Inaugural Address: "Basic Principles in Liberal Education and Culture", John Ellsworth Hartzler President of Goshen College.

November 13—Signor Enrico Palmetto, Music Recital.

November 20—Professor C. W. Harlan, Warsaw, Indiana, Lecture-Recital.

January 16—Dr. Charles H. Judd, Director School of Education, University of Chicago, Lecture, "How to Study".

January 30—Philharmonic Concert, "The Redemption".

March 6—Dr. Ernest H. Lindley, Head of Department of

Philosophy, Indiana University, Lecture, "The Dormant Powers of Man".

March 20—Peace Oratorical Contest.

March 13—Intercollegiate Debate, Goshen College vs. Manchester College.

April 3—Thomas A. Coleman, Purdue University, Lecture, "The Farmer of the Future".

April 24—George Frederick Ogden, Chicago, Piano Recital.

June 12—George R. Grose, President of DePauw University, Commencement Address.

# EXPENSES

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All Regular Terms Consist of Twelve Weeks.

## TUITION

### College, Normal and Business.

Per week, in advance .....	\$ 1.75
Per term, in advance .....	18.00
Per year, in advance .....	50.00

### Academy

Per week, in advance .....	\$ 1.50
Per term, in advance .....	15.00
Per year, in advance .....	42.00

Students taking more than 16 hours (recitations) work in College or 17 in Academy will be charged one dollar extra per hour.

No tuition, either class or private will be refunded except in case of protracted sickness or by order of the Faculty.

### Special Courses

Special Bible Term, four weeks .....	\$ 5.00
Four hours in Academy, per term .....	7.00
Eight hours in Academy, per term .....	10.00
Five hours in College, per term .....	9.00
Ten hours in College, per term .....	12.00

### Special Fees

Laboratory fee, College, per term credit .....	\$ .75
Matriculation fee .....	1.00

(Paid only on first registration.)

### Bible

Free tuition for those who take the regular Bible Courses as outlined in Catalogue

## MUSIC

All lessons taken privately or in class of two are twice a week. Recitations continue fifty minutes.

Vocal Music, daily, (Free Class.)

Chorus daily, (Free Class.)

Prices for lessons, per term are:

Piano and Voice .	{	Class of Two .....	12.00
		Private .....	\$22.00
History, Harmony or Solfeggio, General Class ....			7.50
Introductory Knowledge, General Class .....			5.00
Organ rent, one interval each day, per term .....			1.25
Piano rent, one interval each day, per term .....			2.00

Children under twelve, Piano, twenty minutes lesson, twice a week, \$9.00; once a week, \$5.00.

Students who register in the Music Department may have Academy tuition at \$1.00 per hour and College at \$1.25 per hour.

#### Diplomas

Diploma fee, degree .....	\$ 5.00
Diploma fee .....	3.00
Certificate fee .....	1.00

#### Board

Per meal, in advance .....	\$ .20
Per week, in advance .....	2.25
Per term, in advance .....	25.00
Christmas vacation, additional .....	2.50

#### Rooms

Per week, in advance .....	\$ 1.00
Per term, in advance .....	12.00

These prices are for furnished rooms in Kulp Hall or East Hall, two in a room, including heat, light, washing and ironing, (15 pieces per week). Those who wish to take rooms alone must add \$2.00 for Fall and Spring terms and \$4.00 for Winter term to the above prices.

Each student should bring one comforter, towels and bed linen.

Rooms will be reserved in the dormitory for regular students on receipt of a deposit of \$2.00 to be applied on room rent. On receipt of such deposit, rooms will be held one week at the beginning of the term. These deposits will not be refunded and are not transferable.

# SCHEDULE OF LECTURES AND RECITATIONS FOR THE FALL TERM, 1914.

INSTRUCTORS	Room	8:00	8:55	9:50	10:40	11:30	11:45	1:15	2:10	3:05
WHITMER	10	English VI and IX		English XI and XII				English VII		
HARTZLER	20		Times of Jesus	O. T. Intro.				Origin of the Bible		N. T. Intro.
GERIG	14		German II	German I	German III and IV			German VI and VII		
ZOOK	21	Latin I	Latin III	French I	Latin II					Latin IV
KURTZ	23	Physics VI and V. I	Physics VII	Physics I				Chemistry III	Chemistry Laboratory	Chemistry II
LEHMAN	33	Plane Geometry	Algebra IV		Solid Geom. Algebra III				Astronomy	Calculus
BLOSSER	23	Zoology II	Zoology Laboratory	Botany I	Botany Laboratory			Zoology IV	Zoology Lab.	Agriculture I
DEWEILER	20	N. Test V.	Theol. I		O. T. II N. T. I			N. Test. IV	N. Test. III	
WINTER	30	Psychology		History of Education					Intro. to Phil.	
WEAVER	32		Normal Grammar		Political Science			U. S. History	English History	
EBERSOLE	22			History of Music			Chorus		Harmony Compos'n	Harmony
MARTIN	10		Elocution					English I	English III	English II
MILLER	13	Book-keeping	Book-keeping		Penmanship				Book-keeping	Business English
WEAVER	11		Shorthand I	Commercial Arithmetic				Typewriting	Shorthand II	Dictation I
ASSISTANTS	14		Academy German II	Academy German I			Vocal Drill	Algebra		Ancient History

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# SCHEDULE OF LECTURES AND RECITATIONS FOR THE WINTER TERM, 1914-'15.

INSTRUCTORS	ROOM	8:00	8:55	9:50	10:40	11:30	11:45	1:15	2:10	3:05
WHITMER	10	English VI and IX		English XI and XII				English VII		
HARTZLER	20		Life of Jesus	O. T. Intro.				Life of Paul		N. T. Intro.
GERIG	14		German II	German I	German III and IV			German VI and VII		
ZOOK	21	Latin I	Latin III	French I	Latin II					Latin IV
KURTZ	23	Physics VI and VII	Physics VII	Physics I				Chemistry III	Chemistry Laboratory	Chemistry II
LEHMAN	33	Plane Geometry	Trigonometry		Solid Geom. Algebra III			Normal Arith.		Calculus
BLOSSER	23	Zoology II	Zoology Laboratory	Botany I	Botany Laboratory			Zoology IV	Zoology Lab.	Agriculture II
DETWEILER	20	N. Test. V	Theology I		O. T. II N. T. I			N. Test IV	N. Test III	
WINTER	30	Psychology		Principles of Education					Logic	
WEAVER	32				Political Science			U. S. History	English History	
EBERSOLE	22			History of Music		Chorus			Harmony Composition	Harmony
MARTIN	10		Elocution					English I	English III	English II
MILLER	13	Bookkeeping	Commercial Law		Penmanship				Book-keeping	Correspondence
WEAVER	11		Shorthand II	Commercial Arithmetic				Typewriting	Shorthand I	Dictation
ASSISTANTS	14		Academy German II	Academy German I		Vocal Drill		Algebra		Ancient History

C H A P T E R



# SCHEDULE OF LECTURES AND RECITATIONS FOR THE SPRING TERM, 1915.

INSTRUCTORS	ROOM	8:00	8:55	9:50	10:40	11:30	11:45	1:15	2:10	3:05
WHITMER	10	English VI and IX		English XI and XIII		CHAPTER		English VIII		
HARTZLER	20		Life of Jesus	O. T. Intro.				Early Church		N. Test. Intro.
GERIG	14		German II	German I	German III and IV			German VI and VII		
ZOOK	21	Latin I	Latin III	French I	Latin II					Latin IV
KURTZ	23	Physics VI and VII	Physics VII	Physics I	Geography			Chemistry III	Chemistry Laboratory	Chemistry II
LEHMAN	33	Plane Geometry	Analytics		Solid Geom. Algebra III					Calculus
BLOSSER	23	Zoology II	Zoology Laboratory	Botany	Botany Laboratory			Zoology IV	Zoology Lab.	Agriculture III
DETWEILER	20	N. Test. V	Theology I		O. T. II. N. T. I			N. Test. IV	N. T. III	
WINTER	30	Psychology		School Management					Ethics	
WEAVER	32				Political Science			U. S. History		
EBERSOLE	22			Methods			Chorus		Harmony Compos'n	Harmony
MARTIN	10		Elocution					English I	English III	English II
MILLER	13	Book-keeping	Bookkeeping		Penmanship				Book-keeping	Correspondence
WEAVER	11		Shorthand II	Shorthand III				Type-writing	Shorthand I	Dictation I & II
ASSISTANTS	14		Academy German II	Academy Ger. I			Vocal Drill	Algebra I		Ancient History

# ROSTER OF STUDENTS

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## COLLEGE

### Seniors

Banta, Nola .....	Goshen, Ind.
Blosser, Willard Abraham .....	North Lima, Ohio
Johnson, Sylvia Lloyd .....	Masontown, Pa.
Lehman, Esther Mae .....	Columbiana, Ohio
Lehman, Martin Clifford .....	Dhamtari, India
Martin, Martha .....	Greencastle, Pa.
Shank, Charles Lewis .....	Ronks, Pa.
Troyer, Sana .....	West Liberty, Ohio
Weaver, William .....	LaGrange, Ind.
Weaver, John .....	Goshen, Ind.
Witmer, Samuel .....	Soudersburg, Pa.
Yoder, Ellen Elizabeth .....	West Liberty, Ohio

### Juniors

Allgyer, Jacob Roy .....	West Liberty, Ohio
Detweiler, Margaret .....	Seville, Ohio
Duker, Chauncey .....	Nappanee, Ind.
Eby, Aaron Jacob .....	Gap, Pa.
Haney, Charles Lloyd .....	Milford, Ind.
Hershberger, Leo .....	Shipshewana, Ind.
Hostetler, Lester .....	Sugar Creek, Ohio
Kreider, Amos .....	Sterling, Ill
Lambert, Orla .....	Middlebury, Ind.
Miller, Orie .....	Middlebury, Ind.
Miller, Lita Romayne .....	Goshen, Ind.
Rupp, Adam Roth .....	Archbold, Ohio
Smith, Bert .....	West Liberty, Ohio
Smucker, Vernon Jonathan .....	Smithville, Ohio
Unzicker, Samuel Peter .....	Tuleta, Texas
Zook, Vesta .....	Topeka, Ind.

### Sophomores

Burkhard, Henry .....	Roseland, Nebr.
Eby, Ida .....	Columbus Grove, Ohio
Ebersole, Harry .....	Sterling, Ill.
Gish, Mary .....	Millersville, Pa.
Holdeman, Albert Franklin .....	Goshen, Ind.
Hollingsworth, Herman Hale .....	Goshen, Ind.
Hooley, Mary .....	Cable, Ohio
Kimmel, Emma .....	Goshen, Ind
Lefever, Lydia .....	Ronks, Pa.

Miller, Ernest Edgar .....	Middlebury, Ind.
Miller, Louis .....	Wellman, Iowa
Miller, Jacob .....	Kalona, Iowa
Nunemaker, Samuel .....	LaJunta, Colo.
Reed, Charles Ethan .....	Goshen, Ind.
Russell, Elcy .....	Oblong, Ill.
Shank, Fanny Priscilla .....	Ronk, Pa.
Starbuck, Lucile .....	Goshen, Ind.
Stoltzfus, Fanny .....	West Liberty, Ohio
Stutsman, Pearl Hester .....	Goshen, Ind.
Wenger, Florence LaVera .....	Wakarusa, Ind.
Williams, Alvin .....	Shipshewana, Ind.
Wolf, Elta .....	Akron, Pa.
Yoder, Solomon .....	Belleville, Pa.
Yoder, Orus Ray .....	Goshen, Ind.

### Freshman

Bear, Willis .....	Salunga, Pa.
Bretz, Nevin .....	Goshen, Ind.
Blosser, Olive Ruth .....	Rawson, Ohio
Brenneman, Milton .....	Kalona, Iowa
Burkhard, Noah .....	Roseland, Nebr.
Byler, Sadie .....	Belleville, Pa.
Fletcher, Gladys .....	Elkhart, Ind.
Gerber, Christopher Jacob .....	Goshen, Ind.
Good, Mary Magdalene .....	Wolftrap, Va.
Grosh, Walter .....	Goshen, Ind.
Hartzler, Archie David .....	Belleville, Pa.
Hostetler, Anna .....	Birmingham, Ala.
Latta, Milton .....	Goshen, Ind.
Lantz, Russell .....	Topeka, Ind.
Lehman, Howard Jacob .....	North Lima, Ohio
Lehman, Elban David .....	Columbiana, Ohio
Miller, Ralph .....	Nappanee, Ind.
Murphy, Ada Roberta .....	Elkhart, Ind.
Nissley, Emma .....	Landisville, Pa.
Nusbaum, John .....	Wakarusa, Ind.
Reed, Luella .....	North Lima, Ohio
Rheinheimer, Ira .....	Shipshewana, Ind.
Senger, Rudy .....	Goshen, Ind.
Stoltzfus, Frank .....	West Liberty, Ohio
Stoltzfus, William .....	West Liberty, Ohio
Yoder, Owen .....	Shipshewana, Ind.
Yoder, Homer Allen .....	Denbigh, Va.
Warye, John .....	Urbana, Ohio

### Special

Ebersole, Amos .....	Smithburg, Md.
Ebersole, Frances .....	Freeport, Ill.

**NORMAL**

Baker, Ada .....	South Bend, Ind.
Bender, Ermal .....	Albion, Ind.
Breckbill, Mabel .....	Arvilla, Ind.
Dillman, Roscoe .....	Goshen, Ind.
Duby, Mildred Irene .....	South Bend, Ind.
Fletcher, Gladys Ida .....	Elkhart, Ind.
Gordon, Pearl .....	Wakarusa, Ind.
Hess, Adeline .....	Goshen, Ind.
Holdeman, George Alvin .....	Goshen, Ind.
King, Edna .....	Belleville, Pa.
Loane, Myrtle .....	South Bend, Ind.
McMann, Bertha .....	Syracuse, Ind.
Marble, Jessie Louise .....	South Bend, Ind.
Murphy, Ethel .....	Elkhart, Ind.
Reed, Luella .....	North Lima, Ohio
Rheinheimer, Ira .....	Shipshewana, Ind.
Searer, Cleo .....	Wakarusa, Ind.
Slabaugh, Jancy Roland .....	Greentown, Ind.
Stahley, Charles .....	Middlebury, Ind.
Yoder, Catherine Elizabeth .....	Belleville, Pa.
Yoder, Elsie Mary .....	Belleville, Pa.
Yoder, Sadie .....	Topeka, Ind.
Yoder, Sadie Emma .....	Belleville, Pa.

**ACADEMY****Fourth Year**

Ebersole, William Harvey .....	LaJunta, Colo.
Esch, Benjamin Franklin .....	Washington, Ill.
Gnagey, James Edwin .....	Strycker, Ohio
Hershey, Charles Owen .....	LaJunta, Colo.
Hollar, Noble .....	New Paris, Ind.
Hoover, Ada Mae .....	Goshen, Ind.
Kline, Winnie May .....	Millersburg, Ind.
Landis, William .....	Sterling, Ill.
Miller, Ida Mae .....	Middlebury, Ind.
Mullet, Ella Kathryn .....	Nappanee, Ind.
Rohrer, Glenwood .....	New Paris, Ind.
Sheline, Gladys Fay .....	New Paris, Ind.
Sommer, Simon .....	Apple Creek, Ohio
Stemen, Robert Montel .....	Lima, Ohio
Weaver, Vinora Pearl .....	LaGrange, Ind.
Willson, Henry .....	Carver, Mo.
Young, Jess .....	Milford, Ind.

**Third Year**

Albright, Julius .....	Tiskilwa, Ill.
Brunk, Joseph .....	Denbigh, Va.

Dausman, Pearl .....	New Paris, Ind.
Eby, Harry Elmer .....	Lancaster, Pa.
Hire, Merrill .....	Ligonier, Ind.
Kennel, Mabel .....	Goshen, Ind.
Landis, Florence .....	Goshen, Ind.
Rickert, Isaiah .....	Columbiana, Ohio
Smoker, Esther .....	Goshen Ind.
Stahley, Mabel .....	Middlebury, Ind.
Stump, George .....	New Paris, Ind.
Unzicker, Mabel .....	Goshen, Ind.

### Second Year

Bauman, Norman .....	Floradale, Ont.
Blough, Samuel .....	Middlebury, Ind.
Culp, Myron .....	Goshen, Ind.
Freisner, Cleone .....	Goshen, Ind.
Grabill, Cordelia .....	Goshen, Ind.
Hallman, Clemens .....	Goshen, Ind.
Hostetler, Grace .....	Elkhart, Ind.
Hooley, Clara .....	Goshen, Ind.
Hoover, Lewis .....	Goshen, Ind.
Miller, Clarence .....	Louisville, Ohio
Nunemaker, Harvey .....	Sterling, Ill.
Pletcher, Menno .....	Goshen, Ind.
Randolph, Charles .....	Goshen, Ind.
Rickert, Edwin .....	Youngstown, Ohio
Russel, Rosa .....	Oblong, Ill.
Snyder, Abel .....	Hespeler, Ont.
Speigle, Kathryn .....	Boswell, Pa.
Stauffer, Mahlon .....	Rittman, Ohio
Strycker, Jesse .....	New Paris, Ind.
Stutsman, Maurice .....	Elkhart, Ind.
Wengerd, Amelia .....	Millersville, Ohio
Whirledge, Eli .....	Goshen, Ind.
Yoder, Clara .....	Kalona, Iowa
Zeigler, Jacob .....	North Lima, Ohio

### First Year

Arnold, Cecelia .....	New Paris, Ind.
Brady, Adrain .....	Oblong, Ill.
Cripe, Rudy .....	New Paris, Ind.
Dausman, Allen .....	New Paris, Ind.
Frey, Anna .....	Sterling, Ill.
Gardener, Prudence .....	Bristol, Ind.
Gerber, Paul Edward .....	Goshen, Ind.
Gnagey, Arminta .....	Strycker, Ohio
Grabill, Clara .....	Goshen, Ind.
Hess, Bernice .....	Goshen, Ind.

Miller, Minerva Edna .....	Louisville, Ohio
Miller, Vesta .....	Shanesville, Ohio
Phillips, Earl .....	Goshen, Ind.
Phillips, John Maurice .....	Long Green, Md.
Schrock, Mark .....	Goshen, Ind.
Speicker, Sadie .....	New Castle, Pa.
Stauffer, Cora .....	Aldersyde, Alta.
Strycker, Grace .....	New Paris, Ind.
Stutsman, Russell .....	Elkhart, Ind.

### MUSIC

Alshouse, Maude .....	Goshen, Ind.
Anderson, Margaret Ruth .....	Chicago, Ill.
Bechtel, Nelson .....	Hespeler, Ont.
Bontrager, Alma .....	Sturgis, Mich.
Christophel, Anna .....	Nappanee, Ind.
Clayton, Ethel .....	New Paris, Ind.
Echelbarger, Zena .....	Goshen, Ind.
Hamman, Vida .....	Goshen, Ind.
Hess, Bernice .....	Goshen, Ind.
Hoch, Esther .....	Middlebury, Ind.
Kennel, Grace .....	Goshen, Ind.
Kronk, Cleo .....	Nappanee, Ind.
Lantz, Fern .....	Goshen, Ind.
Lantz, Ruby .....	Goshen, Ind.
Martin, Meta .....	Elkhart, Ind.
Miller, Laura .....	Goshen, Ind.
Miller, Edith .....	Goshen, Ind.
Neff, Florence .....	New Paris, Ind.
Rohrer, Ella .....	New Paris, Ind.
Rohrer, Maude .....	New Paris, Ind.
Schrock, Cletus .....	Goshen, Ind.
Schrock, Waldo .....	Goshen, Ind.
Scott, Florence .....	Goshen, Ind.
Smith, Lena .....	Coatesville, Ind.
Thornton, Mary .....	Elkhart, Ind.
West, Enid .....	Goshen, Ind.
Yoder, Anna .....	Goshen, Ind.
Yoder, Minnie .....	Goshen, Ind.
Zimmer, Orpha .....	New Paris, Ind.

### BUSINESS

Baker, Madge .....	Goshen, Ind.
Bauman, Irvin .....	Floradale, Ont.
Dausman, Pearl .....	Goshen, Ind.
Cripe, Timothy .....	Topeka, Ill.
Deter, Ezra .....	Morrison, Ill.
Dresch, Leverne .....	Fort Wayne, Ind.
Eppers, George .....	Elkhart, Ind.



Ganger, Sarah .....	Goshen, Ind.
Hartzler, Hazel .....	Goshen, Ind.
Heintzelman, Lillian .....	Goshen, Ind.
Higbee, Helen .....	Milford, Ind.
Johnson, Inger .....	Goshen, Ind.
Mick, Bertha .....	Goshen, Ind.
Miller, Mary .....	Goshen, Ind.
Pippinger, Laura .....	Goshen, Ind.
Rood, Ralph Harrison .....	Goshen, Ind.
Schrock, Cletus .....	Goshen, Ind.
Shantz, John .....	Cullom, Ill.
Stuckman, Mabelle .....	Sherwood, Ohio

## BIBLE

Bare, Eva .....	Calla, Ohio
Blough, Elsie .....	Middlebury, Ind.
Brunk, Mrs. Alice .....	Denbigh, Va.
Eshleman, Samuel Clarence .....	Manheim, Pa.
Frey, Lydia .....	Wauseon, Ohio
Good, Mary .....	Elida, Ohio
Geiser, Daniel .....	Orrville, Ohio
Grabill, Amelia .....	Goshen, Ind.
Grabill, Charles .....	Goshen, Ind.
Haney, Minnie .....	Goshen, Ind.
Haney, Philip Edwin .....	Goshen, Ind.
Hartzler, Iva .....	West Liberty, Ohio
Hartzler, Mary .....	West Liberty, Ohio
Knepp, Ninnie .....	Iowa City, Iowa
Lehman, Lydia .....	Dhamtari, India
Miller, Abner .....	Goshen, Ind.
Miller, Alvin .....	Shanesville, Ohio
Miller Gladys .....	Middlebury, Ind.
Miller, John, D. ....	Louisville, Ohio
Miller, Lizzie .....	Wellman, Iowa
Mishler, Lydia .....	Goshen, Ind.
Ramseyer, Nancy .....	New Hamburg, Ont.
Roth, Alvin .....	Morton, Ill.
Rutt, Amanda .....	Paradise, Pa.
Shantz, Sadie .....	Cullom, Ill.
Shantz, Sarah .....	Elkhart, Ind.
Shoup, Ella .....	Columbiana, Ohio
Summer, John .....	Middlebranch, Ohio
Yoder Edith .....	Middlebury, Ind.
Yoder, Levi .....	Nappanee, Ind.
Yoder, Lloyd .....	Goshen, Ind.
Yoder, Nettie .....	Middlebury, Ind.
Yoder, Silas .....	Goshen, Ind.

## SUMMER SCHOOL

Albrecht, Julius .....	Tiskilwa, Ill
Baer, Willis .....	Salunga, Pa.
Baker, Edna .....	LaOtta, Ind.
Barbier, John .....	Granger, Ind.
Barbier, Laah .....	Granger, Ind.
Bardo, Edith .....	Bristol, Ind.
Bemenderfer, Elizabeth .....	Goshen, Ind.
Berlin, Gladys .....	Goshen, Ind.
Boner, Mamie .....	Wolf Lake, Ind.
Books, Mildred .....	Goshen, Ind.
Brenneman, Naomi .....	Goshen, Ind.
Brenneman, Orpha .....	Goshen, Ind.
Bryner, Fred .....	Goshen, Ind.
Caminsky, Lois .....	Goshen, Ind.
Cart, Bernice .....	New Paris, Ind.
Chiddister, Fern .....	Ligonier, Ind.
Christenson, Lillian .....	South Bend, Ind.
Christophel, Allen .....	Wakarusa, Ind.
Clark, Arthur .....	Goshen, Ind.
Cocanower, Harvey .....	Elkhart, Ind.
Colburn, Nora .....	Bangor, Mich.
Culp, Lottie .....	Goshen, Ind.
Culp, Roscoe .....	Wakarusa, Ind.
Dausman, Pearl .....	New Paris, Ind.
Detweiler, Reuben .....	New Paris, Ind.
Dintaman, Jay .....	Wakarusa, Ind.
Doty, Maude .....	Milford, Ind.
Doty, Bessie .....	Milford, Ind.
Duker, Irvin .....	Goshen, Ind.
Eash, Adelia .....	Shipshewana, Ind.
Eash, Elizabeth .....	Shipshewana, Ind.
Eash, Irma .....	Shipshewana, Ind.
Eby, Ida .....	Columbus Grove, Ohio
Eddy, Forrest .....	Wolcottville, Ind.
Ehret, Ona .....	Elkhart, Ind.
Finch, Bertha .....	South Bend, Ind.
Firestone, Clell .....	Goshen, Ind.
Fisher, Mary .....	Kalona, Iowa
Fisher, Orville .....	Wakarusa, Ind.
Fitch, Ethel .....	Goshen, Ind.
Fites, Eula .....	South Bend, Ind.
Franks, Evangeline .....	Wawaka, Ind.
Freyberg, Mary Ruth .....	Goshen, Ind.
Garber, Vineta .....	Goshen, Ind.
Garwood, Lillie Belle .....	South Bend, Ind.
Grabill, Amelia .....	Goshen, Ind.
Grady, Emory .....	Goshen, Ind.

Good, Mabel .....	Lakeville, Ind.
Haab, Lavina .....	Milford, Ind.
Hammond, Gordon .....	Milford, Ind.
Hartsough, Ivan .....	Nappanee, Ind.
Harwood, Gladys .....	Goshen, Ind.
Heintzelman, Muriel .....	New Paris, Ind.
Hershberger, Leo .....	Shipshewana, Ind.
Hesh, Elma .....	Wakarusa, Ind.
Himes, Earl .....	Cromwell, Ind.
Hossler, Vida .....	Nappanee, Ind.
Holaway, Clarence .....	Nappanee, Ind.
Hooley, Mary .....	Cable, Ohio
Huston, Donald .....	Wawaka, Ind.
Jones, Clarence .....	Goshen, Ind.
Juday, Freda .....	Millersburg, Ind.
Kauffman, Roy .....	Cable, Ohio
Kellogg, Veda .....	South Bend, Ind.
Kern, Georgia .....	Elkhart, Ind.
Kirby, Byron .....	South Bend, Ind.
Kistler, Eulah .....	Goshen, Ind.
Krusensterna, Esther .....	New Paris, Ind.
Landis, William .....	Sterling, Ill.
Lear, Mabel .....	Goshen, Ind.
Lehman, Elmer .....	Wakarusa, Ind.
Lehman, Othny .....	Middlebury, Ind.
Lowell, Samuel .....	Bristol, Ind.
McDevitt, Mabel .....	Goshen, Ind.
McLaughlin, Marie .....	Elkhart, Ind.
Malone, Mayme .....	Niles, Mich.
Marble, Jessie .....	South Bend, Ind.
Mark, Erie .....	South Bend, Ind.
Mehl, Aloa Mae .....	Goshen, Ind.
Miller, Clarence .....	Louisville, Ohio
Miller, Louis .....	Wellman, Iowa
Miller, Orie .....	Middlebury, Ind.
Miller, Payson .....	Shipshewana, Ind.
Miller, Trueman .....	Middlebury, Ind.
Miner, Frankie .....	Nappanee, Ind.
Morse, Bess .....	South Bend, Ind.
Mueller, Marcella .....	South Bend, Ind.
Myers, Jessie .....	Brimfield, Ind.
Neff, Gladys .....	Milford, Ind.
Neff, Zerola .....	New Paris, Ind.
Nissley, Emma .....	Landisville, Pa.
Nusbaum, Hattie .....	Elkhart, Ind.
Oswald, Walter .....	Charm, Ohio
Phillips, George .....	Goshen, Ind.
Pippinger, Laura .....	Goshen, Ind.

Plank, Lulu .....	Topeka, Ind.
Rafflaub, Elsie .....	South Bend, Ind.
Reed, Charles .....	Goshen, Ind.
Reed, Luella .....	North Lima, Ohio
Rheubottom, Gladstone .....	Wakarusa, Ind.
Richmond, Carter .....	Goshen, Ind.
Rickert, Isaiah .....	Columbiana, Ohio
Roach, Hazel .....	Ligonier, Ind.
Roose, Galen .....	Nappanee, Ind.
Schott, Esther .....	South Bend, Ind.
Schreyer, Margaret .....	South Bend, Ind.
Searer, Esther .....	Wakarusa, Ind.
Seymour, Mildred .....	Wawaka, Ind.
Showalter, Ernest .....	New Paris, Ind.
Slagle, Grace .....	Nappanee, Ind.
Smith, Ruth Frances .....	New Paris, Ind.
Snyder, Abel .....	Hespeler, Ont.
Stage, Desha .....	Topeka, Ind.
Stahley, Ernest .....	Middlebury, Ind.
Stallings, Leland .....	Granite, Ill.
Stauffer, Galen .....	Goshen, Ind.
Steffey, Ruth Elizabeth .....	Goshen, Ind.
Stiver, Donald .....	Goshen, Ind.
Stiver, Ora .....	Nappanee, Ind.
Straw, Ethel .....	Goshen, Ind.
Stump, Boyd .....	New Paris, Ind.
Stump, Merlin .....	Nappanee, Ind.
Stutzman, David .....	Middlebury, Ind.
Swart, Claude .....	New Paris, Ind.
Swart, Edna .....	New Paris, Ind.
Swart, Faye .....	Elkhart, Ind.
Thompson, Esther .....	South Bend, Ind.
Thompson, Hazel .....	South Bend, Ind.
Thornton, Barton .....	Granger, Ind.
Thornton, Iva .....	Granger, Ind.
Travis, Hazel .....	New Paris, Ind.
Troyer, Sana .....	West Liberty, Ohio
Weaver, Grayce .....	Shipshewana, Ind.
Wenger, Florence .....	Wakarusa, Ind.
Wenger, Goldie .....	Wakarusa, Ind.
Whitcomb, Minnie .....	Middlebury, Ind.
Woodford, Donnita .....	Goshen, Ind.
Yant, Wilma .....	Goshen, Ind.
Yoder, Ellen .....	West Liberty, Ohio
Yoder, Fred .....	Shipshewana, Ind.
Yoder, Ivy .....	Shipshewana, Ind.
Yoder, Owen .....	Shipshewana, Ind.

Yoder, Nellie Marie ..... West Liberty, Ohio  
 Yoder, Verda ..... West Liberty, Ohio

### CORRESPONDENCE DEPARMENT

Alderfer, Henry ..... Franconia, Pa.  
 Alger, John ..... Broadway, Va.  
 Bauman, Ada ..... Floradale, Ont.  
 Bauman, Isiah ..... Floradale, Ont.  
 Berry, Ruby Alice ..... Columbus Grove, Ohio  
 Detweiler, Joseph ..... New Castle, Pa.  
 Eby, Rhoda ..... Mt. Joy, Pa.  
 Erb, Naomi ..... Lititz, Pa.  
 Galle, Oswin ..... Moundridge, Kan.  
 Galle, Ralph ..... Moundridge, Kan.  
 Galle, K. R. ..... Moundridge, Kans.  
 Gamber, Selena ..... Manheim, Pa.  
 Gerber, Elias ..... Apple Creek, Ohio  
 Gerig, Orie Benjamin ..... Smithville, Ohio  
 Guth, Adam ..... Los Angeles, Calif.  
 Heishman, Abram ..... Broadway, Va.  
 Herr, Elmer ..... Holtwood, Pa.  
 Kauffman, Eva ..... Topeka, Ind.  
 Kellogg, Veda ..... South Bend, Ind.  
 Lapp, Christian ..... Volant, Pa.  
 Lehman, Anna ..... Peabody, Kan.  
 Miller, John ..... Louisville, Ohio  
 Mueller, Marcella ..... South Bend, Ind.  
 Pletcher, Maggie ..... Nappanee, Ind.  
 Pletcher, Clifford ..... Wakarusa, Ind.  
 Saltman, Elsie ..... Graymount, Ill.  
 Schnell, Fred ..... Millersburg, Ohio  
 Stauffer, Clarence ..... Wakarusa, Ind.  
 Stutzman, Milo ..... Tofield, Alta.  
 Swart, Fay ..... Elkhart, Ind.  
 Troyer, George ..... Kokomo, Ind.  
 Walker, Alfred ..... Warrick, Mont.  
 Yoder, Sarah ..... Barrs Mills, Ohio  
 Yordy, Ella ..... Secar, Ill.

### SUMMARY OF DEPARTMENTS.

College .....	82
Normal .....	23
Academy .....	72
Music .....	29
Business .....	19
Bible .....	34

# ROSTER OF STUDENTS

117

Summer School .....	147
Correspondence .....	34
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Total .....	440

## ENROLLMENT BY STATES

Indiana .....	261
Ohio .....	53
Pennsylvania .....	30
Illinois .....	21
Iowa .....	7
Ontario .....	7
Virginia .....	6
Kansas .....	4
Colorado .....	3
Michigan .....	3
Nebraska .....	2
Maryland .....	2
Alberta .....	2
India .....	2
Missouri .....	1
California .....	1
Texas .....	1
Alabama .....	1
Montana .....	1
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Total, no name counted twice .....	408



# ALUMNI ASSOCIATION

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Organized 1901—Incorporated 1911

## Officers

Jonathan M. Kurtz ..... President  
Samuel E. Zook ..... First Vice-President  
Samuel T. Miller ..... Second Vice-President  
Miss Anna Yoder ..... Recording Secretary  
Frank S. Ebersole ..... Treasurer  
Mrs. Arthur L. Gilliom ..... Historian

## Executive Committee

Jonathan M. Kurtz   Samuel E. Zook   Frank S. Ebersole  
Anna Yoder   Mrs. Noah E. Byers

## Board of Directors

Term Expires in 1914.

Jonathan M. Kurtz   Samuel E. Zook   Frank S. Ebersole  
Mrs. Samuel Burkhard

Term Expires in 1915.

Guy H. Rutt   Walter B. Christophel   Harvey L. Stump  
Miss Anna Yoder

Term Expires in 1916.

Orie C. Yoder   J. Frank Ebersole   Samuel Burkhard  
Vernon C. Culp

**Chicago (Branch) Alumni Association, Organized Nov. '06**

Jacob R. Rupp ..... President  
Albert B. Rutt ..... Vice-President  
Mrs. R. J. Miller ..... Secretary-Treasurer

**India (Branch) Alumni Association, Organized Feb. '13.**

George J. Lapp ..... President  
Aldine C. Brunk ..... Vice-President  
L. Ellen Schertz ..... Secretary-Treasurer

# ALUMNI

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ABBREVIATIONS:—College (4 yrs.), C.; College (2 yrs.). c.; Latin-Scientific, L-S.; Academy, A.; Normal, N.; Bible, B.; Music, M.; Commercial, Com.; Oratory, O.; Stenographic, Sten.; Seminary, Sem.

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## Class of 1896

Gingerich, Elizabeth (Jacobs), Com. .... Berlin, Ont.

## Class of 1898

LeFevre, Emma (Byers), L-S. .... Bluffton, Ohio

Wright, Earnest, Com., Clerk Lake Shore Shops, Elkhart, Ind.

## Class of 1899

Bodge, Chester A., Com. .... Elkhart, Ind.

Conrad, David E., Com., Stenographer .... Chicago, Ill.

Jacobs, Wellington K., Com., Osteopath .... Berlin, Ont.

Levy, Jacob, Com. .... Elkhart, Ind.

McConoughy, William, Com. .... Elkhart, Ind.

Spurgeon, Oliver, Sten. .... Elkhart, Ind.

Timmins, Laura, Sten. .... Elkhart, Ind.

Yoder, Milo, Com. .... Elkhart, Ind.

Zook, Frances (Oyer), N. .... Eureka, Ill.

## Class of 1900

Gingerich, Solomon F., Ph. D., N., Instructor in English

Literature, Michigan University .... Ann Arbor, Mich.

Good, Olivia (Honderich), Com. .... Cullom, Ill.

Honderich, Samuel, N., Minister .... Cullom, Ill.

Kulp, Hettie (Minniger), Com. .... Kansas City, Mo.

Kurtz, Alta (Christophel), Com. .... Mishawaka, Ind.

Lambert, Emma (Fanscher), Com. .... Lewisville, Ind.

Lenhart, Sophia, Com., Stenographer .... Elkhart, Ind.

Royer, Isaiah W., B., Minister .... Orrville, Ohio

Shanower, Jennie, Com., Office Work .... Elkhart, Ind.

Steiner, Albert J., B., Bishop .... North Lima, Ohio

Steiner, John L., N., Supt. Schools .... Rawson, Ohio

Steiner, Menno L., Com., Machinist .... Fort Wayne, Ind.

Stutzman, Ella (Hartzler), Com. .... West Liberty, Ohio

## Class of 1901

Bender, C. Edward, A.B., N., Supt. of Schools..Oakland, Md.

Bergey, Amelia (Nahrgang), Sem., N. .... New Hamburg, Ont.

Berkey, Lavona (Ebersole), Sem. .... Goshen, Ind.

Brunk, Adeline V., Sem., Died Hadjin, Turkey, Dec. 11, 1906

Detweiler, Irvin R., A.B., L-S. Prof. New Test. and Missions	
Goshen College .....	Goshen, Ind.
Ebersole, Frank S., L-S., Business .....	Goshen, Ind.
Good, Olivia (Honderich), L-S. ....	Cullom, Ill.
Holdeman, Anna (Miller) Sem. ....	Elkhart, Ind.
Kurtz, Jonathan M., A.M., L-S., Professor of Physical	
Science, Goshen College .....	Goshen, Ind.
Moyer, Anthony C., Com., Business .....	Rush Lake, Sask.
Musselman, John S., N., Died July 11, 1913.	
Steiner, John L., L-S., Supt. Schools .....	Rawson, Ohio
Umble, John S., A.B., L-S., Agriculturalist, West Liberty, Ohio	
Zook, Lina (Ressler), B. ....	Scottdale, Pa.

### Class of 1902.

Bergey, Amelia (Nahrgang), L-S. ....	New Hamburg, Ont.
Blosser, C. Roy, M.D., N., Physician .....	Dunkirk, Ohio
Christophel, Anna E., Sem., Teacher .....	Goshen, Ind.
Christophel, Walter B., M.D., L-S., Physician, Mishawaka, Ind.	
Coffman, Fannie (Landis), L-S. ....	Elkhart, Ind.
Detweiler, Irvin R., A.B., B., Prof. of New Test. and Mis-	
sion, Goshen College .....	Goshen, Ind.
Gingerich, Solomon F., Ph.D., L-S., Instructor in English	
Literature, Michigan University .....	Ann Arbor, Mich.
Hansacker, Edward E., N., Druggist .....	Eldorado, Ohio
Hansacker, Elizabeth (Baumgardner), N. ....	Jenera, Ohio
Kurtz, Alta (Christophel), Sem. ....	Mishawaka, Ind.
Landis, Bessie (Gerig), L-S., ....	Goshen, Ind.
Lapp, George J., A.B., L-S., Missionary .....	Dhamtari, India
Leaman, Barbara (Moore), Sten. ....	Mt. Joy, Pa.
Málick, Catherine, N. ....	South Bend, Ind.
Minnich, Lillie F., L-S., Teacher .....	Dale Enterprise, Va.
Rutt, Albert B., A.B., L-S., Minister .....	Chicago, Ill.
Shafer, Pearl R., Sten. ....	Elkhart, Ind.
Schertz, L. Ellen, B., Missionary .....	Dhamtari, India
Stutzman, Lydia (Miller), L-S. ....	Chicago, Ill.
Williams, Fred, Sten. ....	Elkhart, Ind.
Yoder, Orie C., Ph.B., M.D., L-S., Physician .....	Peru, Ill.
Zook, Bertha (Detweiler), L-S. ....	Goshen, Ind.
Zook, David B., Ph.B., L-S., Instructor in High School	
.....	Akron, Ohio
Zook, Frances (Oyer), L-S. ....	Eureka, Ill.

### Class of 1903

Bentz, Cora (Zook), Sten. ....	Belleville, Pa.
Berkey, Della (Rutt), Sem. ....	Elkhart, Ind.
Bush, Ellen, Sten., Stenographer .....	Elkhart, Ind.
Christophel, Wesley, Com. ....	Elkhart, Ind.
Cooper, Anna, Sten., Stenographer .....	Elkhart, Ind.

Greenwalt, Lulu (Reist), L-S. .... Scottsdale, Pa.  
 Gehman, William S., Com., Business .... Elkhart, Ind.  
 Hartzler, John M., L-S., Minister .... Long Green, Md.  
 Hartzler, Simon C., N., Agriculturalist .... Wakarusa, Ind.  
 Holdeman, Anna (Miller), B. .... Elkhart, Ind.  
 Honderich, Samuel, L-S., Minister .... Cullom, Ill.  
 Kohl, Almira, Sten., Stenographer .... Elkhart, Ind.  
 Landis, Jacob C., Com., Business .... Elkhart, Ind.  
 Landis, Lena (Zook), Sem. .... Akron, Ohio  
 Miller, Samuel T., M.D., N., Physician .... Elkhart, Ind.  
 Nunemaker, Samuel, Com. .... Hastings, Neb.  
 Rutt, Guy H., A.B., L-S., Business .... Elkhart, Ind.  
 Shantz, Cora, A., N. .... Elkhart, Ind.  
 Senger, Henry W., Com., Expressman .... Elkhart, Ind.  
 Weldy, Leander A., L-S., Miller .... Wakarusa, Ind.  
 Yoder, Lucinda (Kropf), Sem. .... Goshen, Ind.  
 Yoder, Mamie (Hartzler), L-S. .... Goshen, Ind.

### Class of 1904

Bender, C. Edward, A.B., c., Supt. of Schools, Oakland, Md.  
 Blosser, Catherine (Hilty), B. .... Nampa, Idaho  
 Coffman, Fannie (Landis), c. .... Elkhart, Ind.  
 Cripe, Lettie, Sten., Stenographer .... Goshen, Ind.  
 Ebersole, Frank S., c., Business .... Goshen, Ind.  
 Greenwalt, Lulu (Reist), c. .... Scottsdale, Pa.  
 Hartzler, John E., A.B., B.D., C., President Goshen College  
 .... Goshen, Ind.  
 Hess, A. Metzler, A.B., A., Agriculturalist, Shiremantown, Pa.  
 Jacobs, Wellington K., M., Osteopath .... Berlin, Ont.  
 Kauffman, Anna H. (Hess), A.M., c. ... Shiremanstown, Pa.  
 Kulp, Ella (Gehman), Sem. .... Elkhart, Ind.  
 Kulp, Nancy (Gilliom), c., .... South Bend, Ind.  
 Kurtz, Lydia (Smucker), A. .... Smithville, Ohio  
 Lehman M. Clifford, c., Student Goshen College, Goshen, Ind.  
 Prah, Delia (Schneider), Sten. .... Chicago, Ill.  
 Ramseyer, Alvin C., A., Agriculturalist .... Smithville, Ohio  
 Reiggle, Sabina, E., M., deceased.  
 Reist, H., Frank, c., Editor "Christian Monitor", Scottsdale, Pa.  
 Rutt, Albert B., A.B., c., Minister .... Chicago Ill.  
 Rutt, Eli J., A.M., c., Instructor in High School ....  
 .... Bellefontaine, Ohio  
 Rutt, Guy H., A.B., c., Business .... Elkhart, Ind.  
 Wenger, John, Com., Agriculturalist .... Goshen, Ind.

### Class of 1905

Autenreith, Anna, Sem., Professional Nurse ... Chicago, Ill.  
 Blosser, Christian B., A.B., A., Professor of Biological  
 Sciences, Goshen College .... Goshen, Ind.

Brenneman, Blanche (Ebersole), Sem. .... Minneapolis, Minn.  
 Ebersole, Amanda, N. .... Chicago, Ill.  
 Ebersole, Reuben R., c. .... Akron, Ohio  
 Esch, Christian D., M.D., A., Missionary .... Dhamtari, India  
 Holderman, Edna (Fromm), A.B., c. ....  
 .... Koetzschenbroda, Saxony, Germany  
 Lawrence, Henry, Com., Bookkeeper .... Mishawaka, Ind.  
 Leichty, Lydia (Lehman), c., Student Goshen College ....  
 .... Goshen, Ind.  
 Miller, Samuel T., M.D., A., Physician .... Elkhart, Ind.  
 Musselman, Ella, Sem., Professional Nurse .... Intercourse, Pa.  
 Reed, Homer B., Ph.D., A., Student Columbia University  
 .... New York City  
 Schertz, Louis C., A., Agriculturalist .... Roanoke, Ill.  
 Schertz, Ellen (Schertz), Sem. .... Roanoke, Ill.  
 Smucker, Boyd D., M.O., O., Business .... Phoenix, Ariz.  
 Stutzman, Lydia (Miller), c. .... Chicago, Ill.  
 Stutzman, Jesse, A.B., c., Student .... Lansing, Mich.  
 Trautwein, Clara, A.B., c., Instructor in High School ...  
 .... Goshen, Ind.  
 Umble, John S., A.B., c., Agriculturalist .. West Liberty, Ohio  
 Wenger, Ella, Sem. .... Elkhart, Ind.  
 Whitmer, Paul E., A.B., D.B., c., Dean and Professor of  
 English, Goshen College .... Goshen, Ind.  
 Yoder, Carrie (Blosser), N. .... Goshen, Ind.  
 Yoder, Mary S., Sem., Student Western Reserve University  
 .... Cleveland, Ohio  
 Yoder Jonathan S., L.L.B., c., Attorney ... ..Goshen, Ind.  
 Zook, Samuel E., A.B., A., Instructor in High School ...  
 .... Rockford, Ill.

### Class of 1906

Brenneman, Clark S., Com., Cashier .... Warsaw, Ind.  
 Brenneman, Jesse L., Ph.B., C.E., c., Electrician ....  
 .... Schenectady, N. Y.  
 Byler, John I., A., Student Toronto Bible School, Toronto, Can.  
 Ebersole, J. Frank, A.M., c., Assistant Professor of Eco-  
 nomics, University of Minnesota .... Minneapolis, Minn.  
 Ebersole, Mary (Smucker), A. .... Phoenix, Ariz.  
 Eash, Christian D., M.D., c., Missionary ... Dhamtari, India  
 Hess, A. Metzler, A.B., c., Agriculturalist, Shiremonstown, Pa.  
 Hess, Evan M., A., Business .... South Bend, Ind.  
 Holmes, Lawrence B., Com., A., Business .... Oswego, Ore.  
 Kauffman, Beulah (Gingerich), A.B., c., ... Ann Arbor, Mich.  
 Rupp, Arthur K., A., Student Oberlin College ... Oberlin, Ohio  
 Shank, Josephus W., A.B., A., Supt of Schools ..LaJunta, Colo.  
 Strunk, Eva (Hess), A. .... Shiremanstown, Pa.  
 Summer, Peter D., A., Dentist .... ..Chicago, Ill.

Zook, Purl R., A., Business ..... Goshen, Ind.  
 Zook, Samuel E., A.B., c., Instructor in High School ....  
 ..... Rockford, Ill.

**Class of 1907**

Barry, Maude E., c., Teacher ..... Plymouth, Ind.  
 Bergey, Amelia (Nahrgang), c., ..... New Hamburg, Ont.  
 Blosser, Christian B., A.B., c., Professor Biological Sciences,  
 Goshen College ..... Goshen, Ind.  
 Brenneman, Blanche (Ebersole), A. .... Minneapolis, Minn.  
 Brenneman, J. D., A., Bookkeeper ..... Wellman, Iowa  
 Christophel, Martha A., Student Bethany Bible School ....  
 ..... Chicago, Ill.  
 Landis, David M., A.B., c., ..... Lancaster, Pa.  
 Powell, Lewis J., Com., Business ..... South English, Iowa  
 Reed, Homer B., Ph.D., c., Student Columbia University  
 ..... New York City  
 Stutzman, Harvey N., Com., Business ..... Elkhart, Ind.

**Class of 1908**

Bemenderfer, Samuel, Sten., Business.. ..... Goshen, Ind.  
 Brunk, Aldine C., A.B., A., Missionary ..... Dhamtari, India  
 Byler, Elsie (Burkhard), A.B., c. .... Cleveland, Ohio  
 \*Drange, Elsie (Kauffman), B., Missionary .. Dhamtari, India  
 Ebersole, Wm., C., A.B., c., Business ..... Chicago, Ill.  
 Garber, Elva (Oesch), c. .... Bristol, Ind.  
 Good, Harry G., A.B., c., Instructor in High School .....  
 ..... Philadelphia, Pa.  
 Good, Susan (Reed), B. .... Goshen, Ind.  
 Greenwalt, Elva W., c., Business ..... Goshen, Ind.  
 Hauder, Peter A., A., Agriculturalist ..... Garden City, Mo.  
 Jenkinson, Margaret (Stauffer), Com. .... Chicago, Ill.  
 Kauffman, Adah (Armey), A., ..... Miles City, Mont.  
 Kauffman, Delta M., c., Student Michigan University ....  
 ..... Ann Arbor, Mich.  
 Kauffman, Elenora (Weaver), AB., A. .... Goshen, Ind.  
 Landis, Elwood, Com., Agriculturalist ..... Goshen, Ind.  
 Lehman, Esther, A., Student Goshen College ...Goshen, Ind.  
 Miller, William H., B., Agriculturalist ..... Kalona, Iowa  
 Nunemaker, Walter, A., Teacher ..... Corinne, Utah  
 Reiger, Aaron J., A.B., A., Principal of Preparatory School  
 ..... Mountain Lake, Minn.  
 Rupp, Fannie B., A.B., A., Teacher ..... Continental, Ohio  
 Rupp, Arthur K., c., Student Oberlin College ... Oberlin, Ohio  
 Shank, Josephus W., A.B., c., Supt. of Schools, LaJunta, Colo.  
 Warye, Maude (Good), A. .... Philadelphia, Pa.  
 Weiler, Harry B., A., Student Northwestern University  
 ..... Chicago, Ill.  
 Yoder, Mabelle (Hostettler), c. .... Grabill, Ind.  
 \*In America on furlough.



Yoder, Mamie (Hartzler), c ..... Goshen, Ind.  
 Zook, Purl R., c, Business ..... Goshen, Ind.

### Class of 1909

Albrecht, Lena A. .... Chicago, Ill.  
 Blosser, Lesse, M. .... Rawson, Ohio  
 Burkhard, Samuel, A.M., c, Instructor in Manual Training  
 ..... Cleveland, Ohio  
 Christophel, Anna E., A., Teacher ..... Goshen, Ind.  
 Conrad, Fred, A.M., A., Student Boston University .....  
 ..... Boston, Mass.  
 Davenport, Gertrude, A., Teacher ..... Goshen, Ind.  
 Detweiler, Reuben, A.B., A., Instructor in English, Bluff-  
 ton College ..... Bluffton, Ohio  
 Driver, David A., A.B., A., Superintendent of Schools....  
 ..... Wolcottville, Ind.  
 Debow, John L., Com., deceased.  
 Ebersole, Frances E., A., Preceptress and Instructor in  
 English, Goshen College ..... Goshen, Ind.  
 Fisher, Mary (Zeigler), A., ..... Goshen, Ind.  
 Gilliom, Etta A., A. .... Garden City, Mo.  
 Hauch, Elizabeth, c., ..... Mechanicsburg, Pa.  
 Hershey, Emma (Shank), A.B., c., ..... LaJunta, Colo.  
 Herr, Jacob O., A., Business ..... Lititz, Pa.  
 Metzler, Elmer, M. .... North Lima, Ohio  
 Nafziger, Samuel O., Com., Business ..... Goshen, Ind.  
 Plank, Carrie (Greenwalt), A. .... Goshen, Ind.  
 Plank, John S., A., Stenographer ..... Chicago, Ill.  
 Priser, Fred, Com., Bookkeeper ..... Elkhart, Ind.  
 Rickert, Margaret (Johns), A. .... Goshen, Ind.  
 Risser, Clarence, M. .... Washington, Ill.  
 Scoles, LeRoy, A.B., A., Supt. of Schools ... Wakarusa, Ind.  
 Smoker, Roy S., c., Agriculturalist ..... Ishpeming, Mich  
 Stamm, Gustav, M. .... Archbold, Ohio  
 Steiner, Elvina M., ..... Bluffton, Ohio  
 Stump, Harvey L., A.B., c., Professor of English, Bethel  
 College ..... Newton, Kan.  
 Treuschel, Alice, A., Teacher ..... Elkhart, Ind.  
 Weaver, Joel, Com. .... Goshen, Ind.  
 Yoder, Crissie, A.B., c., Dean of Women and Instructor in  
 English Bethel College ..... Newton Kan.  
 Yoder, J. Miller, A., Teacher ..... Benzonia, Mich.  
 Yoder, Joseph D., B.S., c., Business ..... Philadelphia, Pa.  
 Zook, Samuel A., A.B., c., Student, The University of Chi-  
 cago ..... Chicago, Ill.

### Class of 1910

Blosser, Willard A., A., Student Goshen College, Goshen, Ind.

- Bontrager, Alma D., A. .... Sturgis, Mich.  
 Bontrager, Joanna, A., Teacher ..... Goshen, Ind.  
 Brown, Noble, Com., Bookkeeping ..... Goshen, Ind.  
 Brunk, John C., A., M., Supervisor of Music, Effingham, Kan.  
 Cart, Georga (Detweiler), A. .... Bluffton, Ohio  
 Coopridger, Florence V., A., Medical Student University of  
 Illinois ..... Chicago, Ill.  
 Davenport, Pearl (Lantz), A. .... Goshen, Ind.  
 DeCamp, Ella M., M., Private Instructor in Music, Elkhart, Ind.  
 Detweiler, Reuben R., A.B., O., Instructor in English,  
 Bluffton College ..... Bluffton, Ohio  
 Ebersole, Benjamin S., A., Teacher ..... Morrison, Ill.  
 Fisher, John J., A.B., A., Student Indiana University ....  
 ..... Bloomington, Ind.  
 Gilliom, Arthur L., L.L.B., A., O., Attorney ... South Bend, Ind.  
 Hartzler, John E., A.B., B.D., C., President Goshen Col-  
 lege ..... Goshen, Ind.  
 Hoover, Anna, A. .... Goshen, Ind.  
 Landis, Menno C., A. .... Goshen, Ind.  
 Ligo, Ida L., A., Student Westminster College, Volant, Pa.  
 LeFevre, Lydia, A. .... Ronks, Pa.  
 Miller, Levi S., A. .... El Paso, Texas  
 Myers, E. E., Com., Bookkeeping ..... Bourbon, Ind.  
 Oesch, William W., A.B., C., Agriculturalist... Bristol, Ind.  
 Overlease, Cecil, Com., ..... Milford, Ind.  
 Ramer, Mary, A., Instructor Hesston Academy, Hesston, Kan.  
 Shank, Charles L., A., Student Purdue University .....  
 ..... Lafayette, Ind.  
 Shank, Josephus W., A.B., C., Supt. of Schools, LaJunta, Colo.  
 Shellenberber, Adam, Com., Bookkeeper ... Indianapolis, Ind.  
 Showalter, Marguerite (Conrad), O. .... Boston, Mass.  
 Smoker, Jay J., A., Agriculturalist ..... Ispeming, Mich.  
 Smoker, Wilma (Hauder), A. .... Garden City, Mo.  
 Stout, Alvie, A., Student Purdue University..Lafayette, Ind.  
 Stump, Harvey L., A.B., C., Professor of English, Bethel  
 College ..... Newton, Kans.  
 Sunthimer, Charles E., A., Teacher ..... Bristol, Ind.  
 Weaver, Myrtis, A. .... Goshen, Ind.  
 Wenger, Levi J., A., Agriculturalist ..... Smithville, Ohio  
 Yoder, Charles D., c., Agriculturalist ..... Topeka, Ind.  
 Yoder, Frank, Com., Business ..... Slidell, Iowa  
 Yoder, George C., A., Business ..... Goshen, Ind.  
 Yoder, Minnie, A., Student Goshen College ..... Goshen, Ind.  
 Yoder, Ira D., A., Student Cornell University ... Ithaca, N. Y.  
 Zeigler, Curtis C., A.B., A., Principal Waterford High  
 School ..... Goshen, Ind.  
 Zook, Samuel A., A.B., C., Student, University of Chicago  
 ..... Chicago, Ill.

## Class of 1911

Albrecht, Alma A., A. ....	Tiskilwa, Ill.
Bontrager, Sylvia, M., Instructor in Piano, Goshen College .....	Goshen, Ind.
Brunk, Jacob B., A., Minister .....	Bluffton, Ohio
Burkhard, Samuel, A.M., C., Instructor in Manual Training .....	Cleveland, Ohio
Byler, Elsie (Burkhard), A.B., C. ....	Cleveland, Ohio
DeCamp, Clara, M., Instructor in Music .....	Ashley, Ind.
Detweiler, Irvin R., A.B., C., Professor of New Test. and Missions, Goshen College .....	Goshen, Ind.
Detweiler, Margaret, A., Student Goshen College, Goshen, Ind.	
Ebersole, Ruth (Rasmussen), A.B., C., .....	Pulteney, N. Y.
Elliott, Fern, A. ....	Goshen, Ind.
Esch, Benjamin T., O., Agriculturalist ....	Washington, Ill.
Hostettler, Lester, A., Student Goshen College ..	Goshen, Ind.
Hostettler, Rossie M., A.B., C., Instructor in High School .....	Milroy, Ind.
Martin, Meta E., A., Instructor in High School, .....	
.....	Shipshewana, Ind.
Metzler, Edna F., A.B., C., Principal High School .....	
.....	Doylestown, Ohio
Miller, Adda, O., Teacher .....	Kalona, Iowa
Miller, Alvin J., A.M., C., Student Columbia University ..	
.....	New York City
Miller, Mabel (Kurtz), A.B., C. ....	Goshen, Ind.
Rohrer, Mary (Yoder), A. ....	Bristol, Ind.
Smucker, Vernon, A., Student Goshen College ..	Goshen, Ind.
Stutzman, Jesse, A.B., C., Student Michigan Agricultural College .....	Lansing, Mich.
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Weaver, Samuel E., A.B., C., Supt. Schools, Shipshewana, Ind.	
Weybright, Edith A. ....	Syracuse, Ind.
Yoder, Floyd R., A. ....	Akron, Ohio
Yoder, Noble, Com., Agriculturalist .....	Bristol, Ind.

## Class of 1912

Boomershine, Charles, A. ....	Millersburg, Ind.
Brunk, Aldine C., A.B., C., Missionary ....	Dhamtari, India
Burkhard, Henry, A., Student Goshen College, Goshen, Ind.	
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Conrad, Fred, A., A.M., C., Student Boston University ..	
.....	Boston, Mass.
DeCamp, Clara L., M., Instructor in Music ....	Ashley, Ind.
Driver, David A., A.B., C., Superintendent of Schools ....	
.....	Wolcottville, Ind.
Ebersole, Amos S., A., Associate Director of Music, Goshen College .....	Goshen, Ind.

- Ebersole, William C., A.B., C., Business ..... Chicago, Ill.  
 Eby, Alta M., A.B., C., Instructor Hesston Academy .....  
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 Gordon, Rubye, A., Teacher ..... Lewiston, Mont.  
 Gordon, Walter E., A.B., C., Instructor in Manual Train-  
     ing ..... Fort Wayne, Ind.  
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 Haney, Charles L., A., Minister ..... Mt. Carmel, Ill.  
 Holdeman, Arthur E., A. .... Goshen, Ind.  
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 Johnson, Sylvia L., A., Student Goshen College, Goshen, Ind.  
 Landis, Mary F., (Smoker), A. .... Ishpeming, Mich  
 Landis, Ruth W., A. .... Goshen, Ind.  
 Miller, Adda L., A., Teacher ..... Wayland, Iowa  
 Miller, Louis, A., Student Goshen College ..... Goshen, Ind.  
 Mullet, Ezra S., A., Minister ..... Nappanee, Ind.  
 Nafziger, Olive V., A., ..... Goshen, Ind.  
 Reed, Charles E., A., Student Goshen College...Goshen, Ind.  
 Rogers, Alvin, A., Postmaster ..... Millersburg, Ind.  
 Rupp, Fannie B., A.B., C., Instructor High School .....  
     ..... Continental, Ohio  
 Rupp, Jacob R., A.B., C., Medical Student, University of  
     Chicago ..... Chicago, Ill.  
 Rupp, Harmon R., A.B., C., Agriculturalist ... Archbold, Ohio  
 Russel, Elcy M., A., Student Goshen College .... Goshen, Ind.  
 Schrock, Charles N., A., deceased.  
 Shank, Fannie P., A., Student Goshen College..Goshen, Ind.  
 Shidler, Ira J., A. .... Goshen, Ind.  
 Shoemaker, Charles B., A., Business ..... Scottsdale, Pa.  
 Soldner, Zilla R., M. .... Berne, Ind.  
 Summer, Benjamin, A., Agriculturalist ..... Metamora, Ill.  
 Troyer, Sana, A., Student Goshen College ..... Goshen, Ind.  
 Unzicker, Samuel P., A., Student Goshen College, Goshen, Ind.  
 Vance, Ruth, A., Teacher ..... Millersburg, Ind.  
 Wolf, Elta, A., Student Goshen College ..... Goshen, Ind.  
 Yoder, Anna, A.B., C. .... Goshen, Ind.  
 Yoder, Orus R., A., Student Goshen College ... Goshen, Ind.

### Class of 1913.

- Ackerman, Susan M., Com. .... Goshen, Ind.  
 Blosser Olive Ruth, A., Student Goshen College, Goshen, Ind.  
 Blue, William Hollis, A. .... Ligonier, Ind.  
 Breckbill, Albert, A.B., C., Teacher ..... Westville, Ohio  
 Burkey, Fred, A.B., C., Business ..... Tomah, Wis.  
 Colburn, Nora E., A.B., C., Instructor in Government  
     Schools ..... Porto Rico  
 Cripe, Warren B., Com. .... Goshen, Ind.

Culp, Vernon S., A.B., C., Student Indiana University....	
.....	Bloomington, Ind.
Davidson, Fanny, Com., Stenographer .....	Auburn, Ind.
Detweiler, Reuben R., A.B., C., Instructor in English,	
Bluffton College .....	Bluffton, Ohio
Eby, Ida, A., Student Goshen College .....	Goshen, Ind.
Firestone, Clell E., Com. ....	Goshen, Ind.
Fisher, John J., A.B., C., Student Indiana University .....	
.....	Bloomington, Ind.
Garber, Vineta M., A., Teacher .....	Goshen, Ind.
Geigley, Amos, A.B., C., Evangelist .....	East Earl, Pa.
Haarer, William H., A.B., C., Teacher .....	Midland, Mich.
Heintzelman, Lillian G., A., Student Goshen College ....	
.....	Goshen, Ind.
Hertzler, Silas, A.B., C., Teacher .....	Gretna, Manitoba
Holdeman, Albert F., A.B., C., Student Goshen College ....	
.....	Goshen, Ind.
Hostetler, Josiah J., Com. ....	Shipshewana, Ind.
Hoover, Noble, A. ....	Goshen, Ind.
Juday, Hugh, Com. ....	Benton, Ind.
Kauffman, Elenora (Weaver), A.B., C.....	Goshen, Ind.
Kinzinger, Arthur W., Com. ....	Bad Axe, Mich.
Lantz, Lela, M. ....	Topeka, Ind.
Lapp, George J., A.B., C., Missionary .....	Dhamtari, India
McMann, Bertha, A., Student Goshen College...	Goshen, Ind.
Miller, Bertha M., M. ....	Goshen, Ind.
Miller, Dwight L., A. ....	Fentress, Va.
Miller, Ralph, Com., Student Goshen College ...	Goshen, Ind.
Nunemaker, Walter T., A.B., C., Teacher .....	Corinne, Utah
Philips, George W., A., Teacher .....	Goshen, Ind.
Reed, Ada, Com., Stenographer .....	Mishawaka, Ind.
Reed, Luella M., A., Student Goshen College ...	Goshen, Ind.
Reisner, Anna, A., Teacher .....	Tiskilwa, Ill.
Schrock, Inez (Brunk) A.B., C. ....	Effingham, Kan.
Senger, Rudy, A., Student Goshen College .....	Goshen, Ind.
Shidler, Sarah R., A. ....	Goshen, Ind.
Smith, Ruth F., A. ....	Goshen, Ind.
Smoker, Ernest S., A. ....	Goshen, Ind.
Steinmetz, Ivy, Com., Stenographer .....	Goshen, Ind.
Weaver, Elcie M., Com., Stenographer .....	Nappanee, Ind.
Wilson, Margaret, A.B., C., Teacher .....	Elkhart, Ind.
Yoder, Crissie C., A.B., C., Dean of Women and Instructor	
in English, Bethel College .....	Newton, Kan.
Yoder, John Miller, A.B., C., Teacher .....	Benzonia, Mich
Yoder Walter, M. ....	Topeka, Ind.
Ziegler, Curtis C., A.B., C., Principal Waterford High	
School .....	Goshen, Ind.

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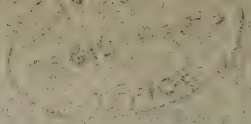
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Number II

# BULLETIN

—OF—

# GOSHEN COLLEGE

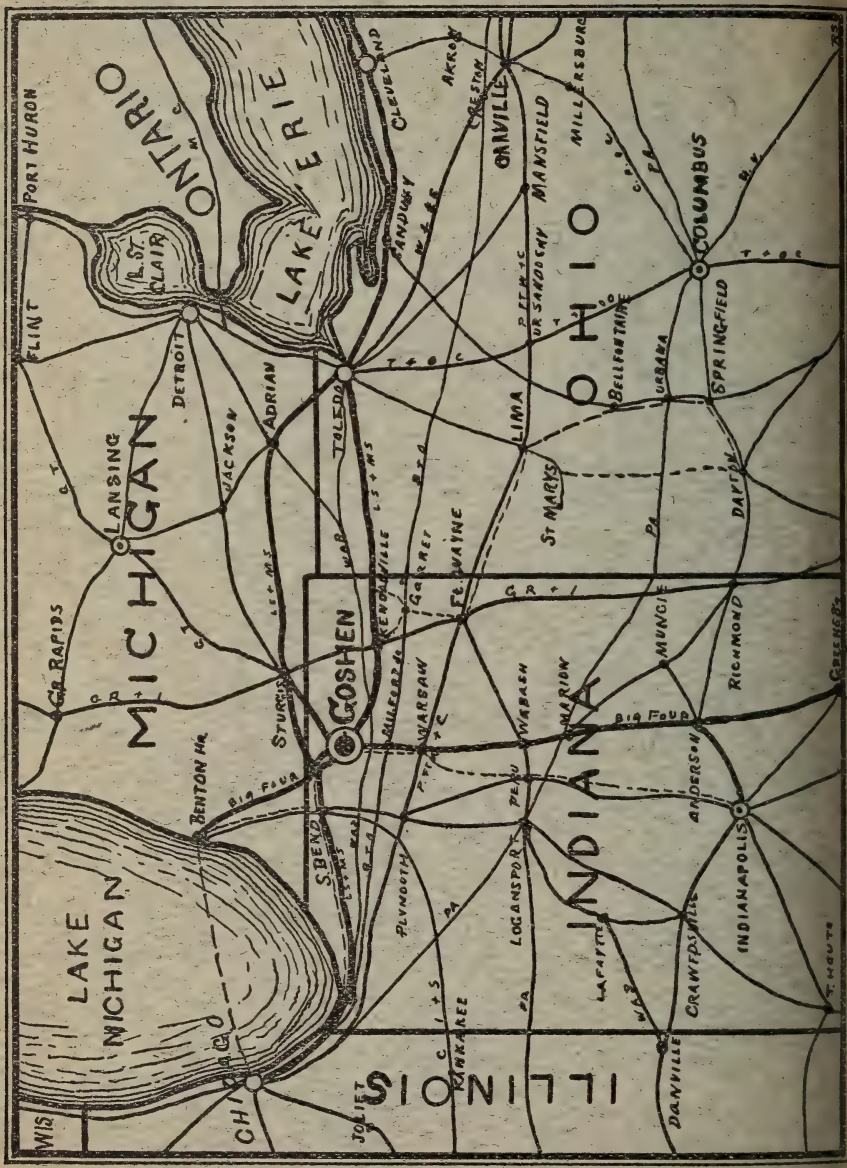


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## Annual Catalog



GOSHEN, INDIANA





1914—CATALOG—1915

# GOSHEN COLLEGE



GOSHEN, - INDIANA

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ANNOUNCEMENTS

FOR

1915—1916

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*Entered as second-class matter February 22, 1906, at the postoffice at  
Goshen, Ind., under act of Congress of July 16, 1904.  
Issued six times per year.*



# CALENDAR

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1915

Baccalaureate Sermon .....	May 23
Music and Oratory Exercises .....	May 25
Alumni Day .....	May 26
Class Day .....	May 27
Commencement Day .....	May 28
Summer School Opens .....	June 7
Mid-Summer School (six weeks) .....	July 19
Summer School Closes .....	August 27
Fall Term Opens .....	September 15
Fall Term Closes .....	December 7
Winter Term Opens .....	December 8
Special Bible Term Opens .....	December 8
Christmas Vacation begins at 12 M. ....	December 22

1916

Christmas Vacation Closes 12 M. ....	January 4
Special Bible Term Closes .....	January 19
Winter Term Closes .....	March 10
Spring Term Opens .....	March 13
Mid-Spring Term Opens .....	April 24
Peace Day .....	May 18
Baccalaureate Sermon .....	May 28
Music and Oratory Exercises .....	May 30
Alumni Day .....	May 31
Class Day .....	June 1
Commencement Day .....	June 2
Summer School Opens .....	June 5
Summer School Closes .....	August 25
Fall Term Opens .....	September 13
Fall Term Closes .....	December 6

# CALENDAR

1915

1916

1916

S M T W T F S	S M T W T F S	S M T W T F S
<b>SEPTEMBER</b> <div>1 2 3 4</div> <div>5 6 7 8 9 10 11</div> <div>12 13 14 15 16 17 18</div> <div>19 20 21 22 23 24 25</div> <div>26 27 28 29 30</div>	<b>JANUARY</b> <div>1</div> <div>2 3 4 5 6 7 8</div> <div>9 10 11 12 13 14 15</div> <div>16 17 18 19 20 21 22</div> <div>23 24 25 26 27 28 29</div> <div>30 31</div>	<b>MAY</b> <div>1 2 3 4 5 6</div> <div>7 8 9 10 11 12 13</div> <div>14 15 16 17 18 19 20</div> <div>21 22 23 24 25 26 27</div> <div>28 29 30 31</div>
<b>OCTOBER</b> <div>1 2</div> <div>3 4 5 6 7 8 9</div> <div>10 11 12 13 14 15 16</div> <div>17 18 19 20 21 22 23</div> <div>24 25 26 27 28 29 30</div> <div>31</div>	<b>FEBRUARY</b> <div>1 2 3 4 5</div> <div>6 7 8 9 10 11 12</div> <div>13 14 15 16 17 18 19</div> <div>20 21 22 23 24 25 26</div> <div>27 28 29</div>	<b>JUNE</b> <div>1 2 3</div> <div>4 5 6 7 8 9 10</div> <div>11 12 13 14 15 16 17</div> <div>18 19 20 21 22 23 24</div> <div>25 26 27 28 29 30</div>
<b>NOVEMBER</b> <div>1 2 3 4 5 6</div> <div>7 8 9 10 11 12 13</div> <div>14 15 16 17 18 19 20</div> <div>21 22 23 24 25 26 27</div> <div>28 29 30</div>	<b>MARCH</b> <div>1 2 3 4</div> <div>5 6 7 8 9 10 11</div> <div>12 13 14 15 16 17 18</div> <div>19 20 21 22 23 24 25</div> <div>26 27 28 29 30 31</div>	<b>JULY</b> <div>1</div> <div>2 3 4 5 6 7 8</div> <div>9 10 11 12 13 14 15</div> <div>16 17 18 19 20 21 22</div> <div>23 24 25 26 27 28 29</div> <div>30 31</div>
<b>DECEMBER</b> <div>1 2 3 4</div> <div>5 6 7 8 9 10 11</div> <div>12 13 14 15 16 17 18</div> <div>19 20 21 22 23 24 25</div> <div>26 27 28 29 30 31</div>	<b>APRIL</b> <div>1</div> <div>2 3 4 5 6 7 8</div> <div>9 10 11 12 13 14 15</div> <div>16 17 18 19 20 21 22</div> <div>23 24 25 26 27 28 29</div> <div>30</div>	<b>AUGUST</b> <div>1 2 3 4 5</div> <div>6 7 8 9 10 11 12</div> <div>13 14 15 16 17 18 19</div> <div>20 21 22 23 24 25 26</div> <div>27 28 29 30 31</div>

# CORPORATION

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Aaron Loucks .....	Scottdale, Pa.
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S. O. Nafziger

A. R. Zook

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F. S. Ebersole

J. S. Hartzler

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Daniel Kauffman

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## **JOHN E. HARTZLER, A.B., D.B., President.**

Graduate of Goshen College (Junior College), 1904; student, McCormick Seminary, 1907-1909; A.B., Goshen College, 1910; D.B., Union Seminary, 1910; ordained minister, 1904; Pastor Prairie Street Mennonite Church, Elkhart, Indiana, 1910-13; Instructor, Special Bible Term, Goshen College, 1910-11; Dean of Bible School and Professor of Bible, 1912-; President, 1913-

## **PAUL E. WHITMER, A. B., D.B., Dean.**

Graduate of Goshen College (Junior College), 1905; A.B., Oberlin College, 1907; D.B., Oberlin Seminary, 1908; graduate student in English, The University of Chicago, summer of 1911, and University of Michigan, 1912; ordained minister, 1901; Instructor, Goshen College, 1908-09; Professor of Bible, Goshen College, 1909-11; Professor of English, 1911-; Dean of College, 1913-

## **JONAS S. HARTZLER.**

Student, Cook County Normal, 1898, and Wooster University, 1899; ordained minister, 1881; Instructor, Elkhart Institute, 1895-1903; Instructor, Goshen College, 1903-15; traveled in Oriental and missionary lands 1910-11; Dean of Bible School, Goshen College, 1905-1912; Treasurer, Mennonite Board of Education.

## **DANIEL S. GERIG, A.B., Registrar.**

Student, Smithville Normal School, 1893-94; Instructor, Elkhart Institute, 1899-1902; Instructor Wooster University, summer, 1903; A.B., Wooster University, 1904; graduate student in German and Latin, The University of Chicago, summers of 1904 and 1908; Instructor, Goshen College, 1904-05; traveled in Europe summer of 1912; Professor of German, 1905-

## **EPHRAIM J. ZOOK, A.M., Librarian.**

B.S., Ohio Normal University, 1897; Principal, schools of Canaan and Rittman, Ohio, 1897-99; Ph.B., Wooster University, 1901; Instructor, Elkhart Institute, 1901-03; Instructor, Goshen College, 1903-04; A.M., The University of Chicago, 1905; Graduate student, The University of Chicago, summers of 1905, '08, '13, '14; Graduate Indiana School for Librarians, 1906; Professor of Greek and Latin, 1905-

## **JONATHAN M. KURTZ, A.M.**

Student, Ohio Normal University, 1896; Instructor, Elkhart Institute, 1902-03; Instructor, Goshen College, 1902-04; A.B.

Oberlin College, 1905; Scholar in Chemistry, Oberlin College, 1905-06; A.M., Oberlin College, 1906; Graduate student, The University of Chicago, summers of 1909, '10, '11 and '12; Professor of Physical Sciences, 1906-

#### **DANIEL A. LEHMAN, A.M.**

Graduate of First Pennsylvania State Normal, 1889; Ph.B., Wesleyan University (Conn.), 1893; graduate student, The University of Chicago, 1893-95; Principal of Academy, University of the Pacific, (Cal.) 1895-98; Student, Lick Observatory, summer of 1898; Professor of Mathematics, Baldwin University, (O.) 1898-1902; A.M., Western Reserve University, 1903; Instructor, Missouri State Normal, 1903-05; Instructor, University of Wisconsin, 1905-06; Graduate student, University of Michigan, summers, 1908-09, Columbia University, 1910, and The University of Chicago, 1912; Professor of Mathematics and Astronomy, 1906-

#### **CHRISTIAN B. BLOSSER, A.B.**

Student, Ohio Normal University, 1898-1900; graduate of Goshen College (Junior College), 1907; Instructor, Goshen College, 1907; Assistant in Zoology, Indiana University, 1908-09; A.B., Indiana University, 1909; Instructor in Biological Sciences, Goshen College, 1909-10; Professor of Biological Sciences, 1910-15; Special Lecturer on Agriculture 1915-

#### **IRVIN R. DETWEILER, A.B.**

Graduate of Bible School, Elkhart Institute, 1902; Missionary to India, 1902-04; ordained minister, 1905; student Bethany Bible School 1907-09; Field Secretary Mennonite Board of Missions and Charities, 1906-; A.B., Goshen College, 1911; graduate student, The University of Chicago, summers of 1912, '13 and '14; Instructor in Bible, Goshen College, 1909-12; Professor of New Testament and Missions, 1912-

#### **JOHN E. WINTER, A.M.**

A.B., Hope College, 1902; A.B., University of Michigan, 1906; Instructor, Northwestern Classical Academy, Orange City, Iowa, 1906-08; graduate student, University of Michigan, summers of 1906, '07, '08 and '10; A. M., University of Michigan, 1910; Superintendent of Schools, Cass City, Michigan, 1908-11; Instructor, Central State Normal School, Mt. Pleasant, Michigan, summer of 1911; Fellow in Education, Philosophy and Psychology, University of Michigan, 1911-13; Professor of Philosophy and Education, 1913-

#### **WILLIAM B. WEAVER, A.B.**

Assistant in History, Goshen College, 1912-14; A.B., Goshen College, 1914; graduate student, Indiana University, spring and



summer of 1914; candidate for A.M. degree, Indiana University; Instructor in History, 1914-

### **JESSE STUTZMAN, A.B.**

A.B., Goshen College, 1911; Principal of Schools, Markleville, Ind., 1911-13; student Michigan Agricultural College, 1913-15; Instructor, Goshen College, summer 1914; candidate for B.S. degree, Michigan Agricultural College, 1915; Professor of Agriculture, 1915-

### **SAMUEL W. WITMER, A.B.**

Assistant in German, Goshen College, 1913-14; A.B., Goshen College, 1914; graduate student, University of Wisconsin, 1914-15; Instructor in Biological Sciences, 1915-

### **AMOS S. EBERSOLE**

Student, Goshen College, 1909-13; Private teacher of Music, 1910-13; graduate Music Teachers' Course, Goshen College; student, American Conservatory and private student of D. A. Clippinger, Chicago, summer of 1913; student, Columbia University, School of Music, summer of 1914; student, American Conservatory, 1915-; Acting Director, School of Music, Goshen College, 1913-14; Associate Director, School of Music, Goshen College, 1914-15; Director School of Music, 1915-

### **GUSTAV DUNKELBBERGER, Mus.B**

Graduate Piano Course, Bethel College, 1911; Organ and Piano Student, Bethel College, 1911-13; Private teacher, 1910-13; Graduate of Piano Course, American Conservatory, 1914; Mus.B. American Conservatory, 1915; Instructor in Piano and Theory of Music, 1915-

### **MARY HOOLEY, Preceptress**

Student Goshen College, 1912 and 1913-1915; Special student in English The University of Chicago, summer 1915; Preceptress and Instructor in English, 1915-

### **\*SYLVIA BONTRAGER.**

Private teacher of Music, 1907-10; Assistant in Piano, Goshen College, 1910-11; graduate, Piano Course, Goshen College, 1911; student, New England Conservatory of Music, Boston, 1914-; Instructor in Piano 1911-

### **HOMER W. SCHROCK**

Student, Academy of Goshen College, 1907-1908; student, Marion Normal Institute, 1908-1910; Instructor, Newton Business College, Newton, Kan., 1911-1913; Instructor, Brazil Business University, Brazil, Ind., 1913-1914; Business, 1914-1915; Principal School of Business, 1915-

\*Absent on leave.

## STUDENT ASSISTANTS

Ezra Deter .....	Business
Douglas J. Wallgren .....	Chemistry
Harold Bender .....	English
Florence Wenger .....	German
Charity Steiner .....	German
Lloyd Blauch .....	History
Mary S. Thornton .....	Music
Jesse N. Smucker .....	Mathematics

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## EXECUTIVE OFFICERS

John E. Hartzler .....	President
Paul E. Whitmer .....	Dean
Daniel S. Gerig .....	Registrar
Ephraim J. Zook .....	Librarian
Mary Hooley .....	Preceptress

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## ASSISTANT OFFICERS

Mary Stoltzfus .....	Matron, Kulp Hall
Mrs. Samuel H. Plank .....	Matron East Hall
Ernest Miller .....	Bookkeeper
Samuel Plank .....	Supt. Buildings and Grounds
Fannie Shank .....	Assistant Librarian
Vinora Weaver .....	Stenographer

## STANDING COMMITTEES OF THE FACULTY

Admission and Classification—Gerig, Kurtz, Whitmer.

Appointments—Whitmer, Pres. Hartzler, Gerig.

Athletics—Miller, Weaver, Detweiler.

Buildings and Grounds—Zook, Hartzler, Stutzman.

Courses of Study—Pres. Hartzler, Whitmer, Lehman.

Debate and Oratory—Gerig, Winter, Witmer.

Dormitory and Student Life—Witmer, Miss Stoltzfus,  
Gerig, Whitmer, Miller.

Equipment—Pres. Hartzler, Zook, Kurtz.

Extra Work—

For College—Gerig, Kurtz, Winter.

For Academy—Lehman, Zook, Detweiler.

Graduate Study—Whitmer, Winter, Lehman.

Library—Zook Gerig, Whitmer.

Public Occasions—Pres. Hartzler, Kurtz, Detweiler, Eber-  
sole, Weaver.

Publications—Whitmer, Gerig, Miller.

Religious Activities—Detweiler, Hartzler, Miss Hooley.

Rules and Discipline—Whitmer, Pres. Hartzler, Miss  
Hooley, Gerig, Kurtz, Detweiler.

Scholarships—Hartzler, Pres. Hartzler, Lehman.

Student Organization—Kurtz, Winter, Stutzman.

Woman's Advisory Committee—Miss Hooley, Miss Soltz-  
fus, Mrs. Gerig, Mrs. Zook, Mrs. Whitmer, Mrs.  
Hartzler, Mrs. Kurtz.

# ADMISSION

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## METHOD OF ADMISSION

Admission to College may be gained either by certificate or by examination. Graduates of commissioned high schools or other approved preparatory schools will be admitted upon presentation of certificates of good moral character and graduation. Candidates may present these certificates in person on registration day but it will greatly expedite registration if these certificates are sent to the Registrar at least two weeks before the opening of the fall term. Blank certificates will be sent upon application.

For admission by examination either upon all the required subjects or upon those for which no satisfactory certificate can be offered, the candidates shall present themselves at the office of the Registrar on the opening day of the term for such examination as the Committee on Admission and Classification may require.

No advanced credit is granted for subjects studied in high school unless the student has taken a postgraduate high school course of at least one semester. Such credit will be allowed only upon examination and will not be finally placed to the student's credit until he has done at least two terms of successful work in the College.

## REQUIREMENTS FOR ADMISSION

The amount of work required for admission is based upon the work of the commissioned or first class high school. A one-year course meeting daily for forty-five minutes, or a one-year course meeting four times per week for sixty minutes is accepted as the unit of credit. The amount of credit in each subject will be estimated on the basis of the length of the recitation periods, the textbooks used and, in science courses, also the laboratory note-books.

For admission to the Freshman class without condition, candidates must offer in addition to the preacademic

or grammar school studies, not less than fifteen units of high school work, to be made up as follows :

Required:

English .....3 units

Foreign Languages .....2 units

(Not less than two units of any one foreign language will be accepted).

Mathematics, Algebra and Geometry .....2 units

History, Greek and Roman preferred .....1 unit

Science, a laboratory science .....1 unit

Electives:

Additional units from above groups .....2 units

Electives .....4 units

In order to obtain the best results in college work students are urged to elect two units of foreign language and one unit of mathematics in addition to the minimum requirements in these subjects.

The following table gives a list of subjects which may be presented for entrance with the maximum number of units allowed in each:

English Composition and Rhetoric .....	2	} 4
English Literature .....	1	
English Classics .....	1	

Latin .....	2, 3, or 4	} 6
Greek .....	2 or 3	
German .....	2, 3 or 4	
French .....	2, 3 or 4	

Algebra .....	1½	} 3½
Plane Geometry .....	1	
Solid Geometry .....	½	
Trigonometry .....	½	

History, General .....	1	} 2
History, Greek and Roman .....	1	
History, English .....	1	
History, United States and Civics .....	1	

Physics .....	1	} 3
Chemistry .....	1	
Biology .....	1	
Botany .....	1	
Zoology .....	1	
Agriculture .....	1	
Physiography .....	$\frac{1}{2}$	
Physiology .....	$\frac{1}{2}$	
Geology .....	$\frac{1}{2}$	
Astronomy .....	$\frac{1}{2}$	

Commercial Subjects. ....	} May receive credit, after each claim has been investigated.
Domestic Science ...	
Manual Training ....	
Free-hand Drawing....	

### CONDITIONS

Candidates presenting not less than fourteen units will be admitted to the Freshman class on condition that they begin at once to make up the work in which they are deficient. Such work must be completed before the Junior year. The Academy and the Summer School affords good opportunities for removing conditions.

### SPECIAL STUDENTS

Candidates who are twenty-one years of age or more and who cannot meet the above requirements may be admitted as special students by furnishing evidence of ability to do the contemplated work. Such students may at any time become candidates for degrees by completing the entrance requirements.



# CURRICULUM

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The curriculum of Goshen College makes provision for general culture by prescribing some work in each of the great fields of knowledge; encourages scholarship by requiring advanced courses in at least one major subject; and provides for the particular tastes and needs of each student by giving freedom in the choice of the major subject and electives.

The amount of work required for graduation with the Bachelor of Arts degree is one hundred and eighty term hours. Each student is expected to register for fifteen hours' work each term. Any student wishing to take more than the normal fifteen hours' work must make application to the Committee on Extra Work before registering. Entering students are not expected to carry more than fifteen hours' work.

## PREScribed SUBJECTS:

English .....	15 hours
Mathematics .....	10 hours
Foreign Languages .....	21 hours
History or Social Science .....	15 hours
Natural Science .....	15 hours
Philosophy .....	10 hours

## MAJOR SUBJECTS

Each students is required to select one department in which he will do major work. This will consist of forty-five hours credit but includes the prescribed work in this department. Thirty of the forty-five hours is to represent a sequence in one subject. At the beginning of the Junior year each student shall in consultation with the Dean, select his major subject and file a statement of his choice with the Registrar.

## ELECTIVE SUBJECTS

In registering, required and major subjects must have

the preference over those which are elective. In elective studies that continue throughout the year credit is not given for less than a year's consecutive work in the same study except by the express consent of the Faculty. The electives must be chosen in the sequence indicated in the departmental statements.

### FRESHMAN WORK

Freshmen are required to take at least thirteen hours from the prescribed work in English, Mathematics, Foreign Languages or Natural Science, including English VI and Mathematics IV and V. All prescribed work except that in Philosophy should be completed by the end of the Sophomore year.

The following curricula are suggested for Freshmen:

I	II	III
English .....2	English.....2	English... ..5
Mathematics.....5	Mathematics .....5	Mathematics.....5
Language.....3	Language.....5	Language.....3
Zoology or Botany.....5	Chemistry.....3	Bible.....2

### PROFESSIONAL COURSE

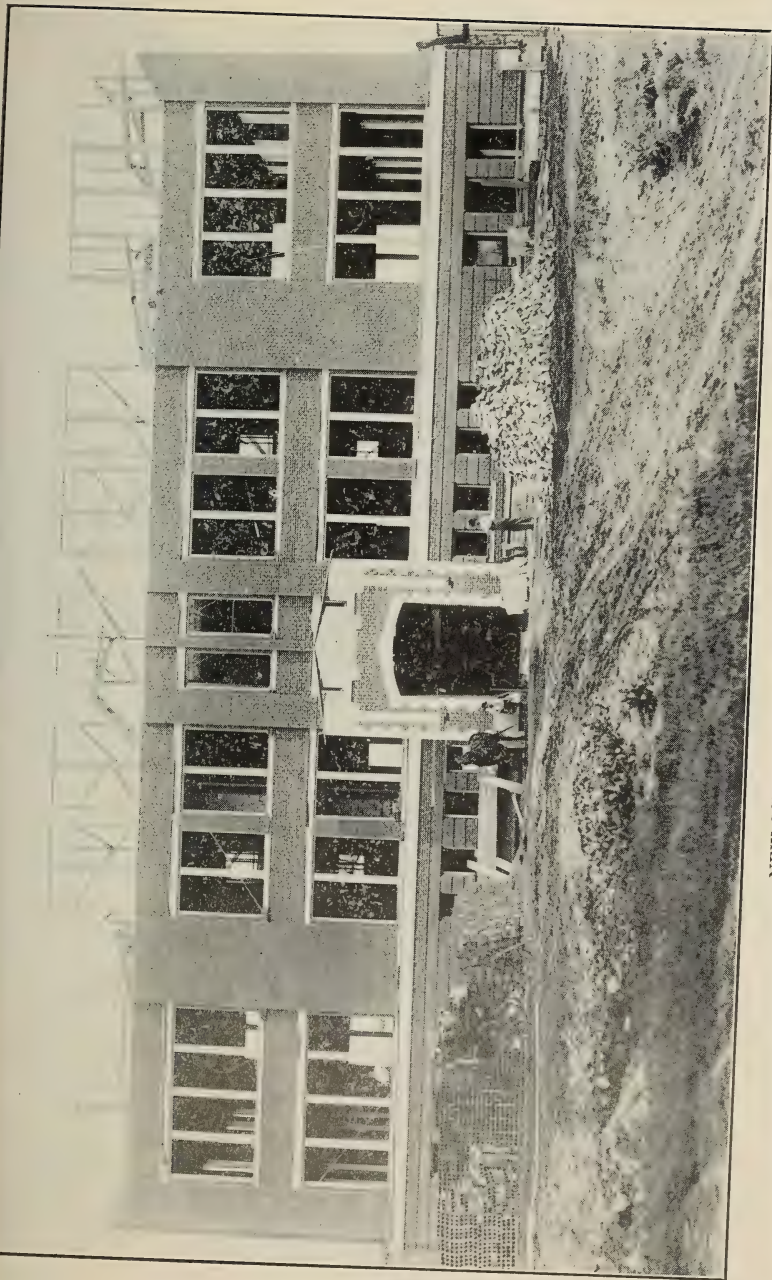
Students who have completed their prescribed work and have one hundred and thirty-five hours credit may attend a standard professional school. Such students may secure a leave of absence during their Senior year to present themselves for degrees when a statement has been received from the Faculty of the professional school that one full year's work has been satisfactorily completed.

The following courses are suggested for those expecting to take up medical or engineering courses after completing three years of College work.

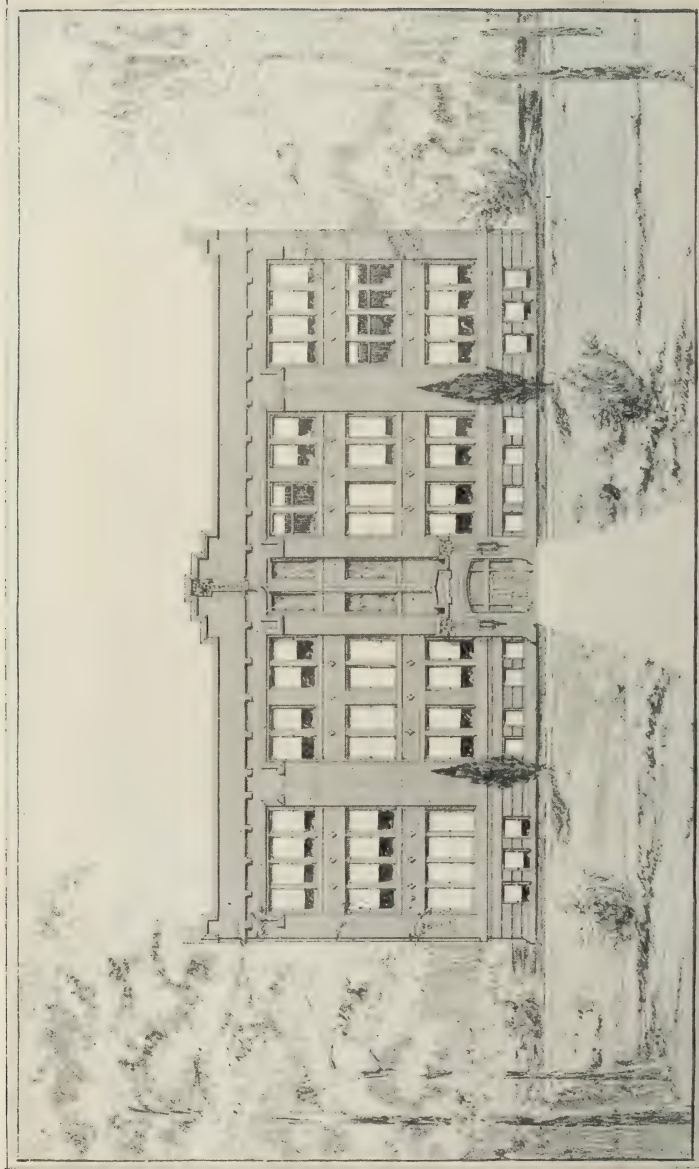
MEDICAL	ENGINEERING
English .....15	English.....15
Language .....21	Language .....21
History.....15	History.....15
Mathematics.....10	Mathematics.....24
Biology.....20	Astronomy... ..11
Chemistry.....33	Physics.....12
Physics.....12	Chemistry.....24
Philosophy.....10	Philosophy.....10

## DEGREE

The degree of Bachelor of Arts will be conferred upon those who have complied with the requirements for graduation as stated above. Credit from other standard colleges may count toward the degree, but no student will be graduated who has been in residence for less than one year.



NEW SCIENCE HALL UNDER CONSTRUCTION



SCIENCE HALL



# DEPARTMENTS OF INSTRUCTION

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## AGRICULTURE

Professor Stutzman

### I. Farm Crops. M.—F. Fall Term.

A laboratory and classroom study of the principal cereals with reference to local conditions. The history, botanical characters, adaptations, distribution and cultural characteristics will be studied. Some grain judging will be included in the laboratory work.

### II. Farm Crops. M.—F. Winter Term.

A study similar to the study of the cereals will be made of the principal forage crops.

### III. Horticulture. M.—F. Spring Term.

The work in this course will consist of three class and two laboratory periods per week. The course will be a study of the home orchard with reference to the selection of the site, planting, propagating, pruning and spraying. There will be lectures, recitations, laboratory work and reports on assigned readings.

### IV. Soils. M.—F. Fall Term.

An elementary study of soils in laboratory and field. The class work will cover Lyon and Fippins' "Soil Management" or similar text.

### V. Soils. M.—F. Winter Term.

The relationship between the physical properties of soils and crop production will be considered. Lectures and laboratory work on movement of soil water, water conservation, soil temperature, etc.

### VI. Soils. M.—F. Spring Term.

A soil survey will be made of a limited area near the College. Lectures, laboratory work, and field work.

For additional information see School of Agriculture, page 56.



## BIBLE

Professor Detweiler

These courses aim to meet the needs of two classes of students. It gives those students who wish to do direct religious work an opportunity to supplement their general training by a liberal amount of instruction in the field of religion while they are taking their college work. It also gives all other students an opportunity to secure such a broad and practical knowledge of the history, literature, and thought of the books of the Bible as should be possessed by any educated person.

Inductive methods are used, and special effort is made to discover the author's viewpoint. In this study the personal equation is eliminated as far as possible. The student is carefully directed in his work and makes his own generalization.

## OLD TESTAMENT

In this work special attention is given to the chronological order of the scripture material and the historical setting of the prophecies, their genetic relation to the political, social and religious environment and the element of moral and spiritual truth which they convey. After the historical background of the period is laid the prophetic messages are studied in detail upon the basis of the scripture material. These courses furnish an introduction to the various departments of Old Testament study.

I. History and Prophecy. M. W. F. Three Terms

a. The history of Israel is traced from the conquest to the fall of the Northern Kingdom, by an analytical and comparative study of the portions of Joshua, Judges, Samuel, Kings and Chronicles that deal with this period.

b. Prophecy to the fall of the Northern Kingdom. A study of the rise, content, classification, definition and principles of prophecy and a detailed study of Amos and Hosea.

c. The history of the Southern Kingdom from Uzziah to the fall of Jerusalem with special study of Isaiah and Micah.

### NEW TESTAMENT

These courses aim to make the student familiar with the origin and development of our New Testament writings. In the study of the several books, each book is considered with respect to its historical setting, literary character, author, first readers, occasion, aims, social, ethical and doctrinal teaching. The discussion and lectures in class are supplemented with assigned readings and written reports.

#### II. New Testament.

a. The Gospel of Luke. In addition to the work of introduction special attention is given to the sections peculiar to this Gospel, and a discussion of the synoptic problem.

b. The Book of Acts, the beginning of Christianity, growth in Palestine and the work of Paul.

c. Pauline Epistles. The general principles of introduction are used in a study of the Pauline Epistles with a careful study of Galatians and Philippians.

### LANGUAGE

#### III. New Testament.

M. W. F. Three Terms.

The first two terms are devoted to the mastery of the elements of the New Testament Greek and a vocabulary sufficient to begin the reading of the Gospel of John. The third term is devoted to reading the Gospel of John and a review of the Grammar studied in the preceding terms. Prerequisite, two years training in language study.

#### IV. New Testament.

M. W. F. Three Terms.

A careful translation of Mark, Matthew and Luke, word study and an application of Moods and Tenses of the

Greek language. The grammatical study with special emphasis on syntax will continue through the year. Pre-requisite, Course III or its equivalent of classical Greek.

V. New Testament. M. W. F. Three Terms.

A translation of the Acts of the Apostles, miscellaneous Epistles and selections from the Septuagint. Special attention will be given to the mastery of the grammatical and lexical peculiarities of the Hellenistic Greek and the relation that the Septuagint sustains to the Hebrew of the Old Testament and the Greek of the New Testament.

### EXEGESIS

VI. New Testament, Romans, Hebrews. T. Th.

Special attention will be given to the problems and teachings of the primitive Church and the doctrines that grew out of them. The methods will be a presentation by the class of the results of exegetical study, with work on the Greek text, lexicons and grammars, with work on introduction. Careful work will be done in translation, brief commentary and close paraphrase. Not given 1915-16.

### BIOLOGICAL SCIENCE

Mr. Witmer

III. General Zoology. M.—F. Three Terms.

The work in this course will consist of three laboratory exercises of two hours each and two class recitations each week. Not given 1915-16.

a. Invertebrate Zoology. The work of this course begins with the simplest types of animal life and includes a study of amoeba, vorticella, paramoesium, eugling, the crayfish, fresh water mussel, starfish and others. Such field work will be done as will be most helpful in the laboratory work and general problems relating to invertebrates.

b. Vertebrate Zoology. This term's work includes dissection and drawing of type vertebrates such as frogs,

fishes, turtles and one form of mammal. Time will also be given to field work, such as the collection of specimens and the study of animal activities and relationships.

c. Bird and Insect Course. The first six weeks of this term will be given to the dissection of a typical bird and the classification of a prescribed number of bird skins. The work will also include the identification of about seventy-five of the most common species in the field, together with a study of their nesting habits, migration, sexual dimorphism, economic value, etc.

The remaining six weeks will be devoted to the study of insects, including a laboratory dissection of type forms, collection and classification of a prescribed number of specimens. Each student will also be required to work out the life history of some animal.

## II. General Botany.

M.—F. Three Terms.

The work in this course consists of three laboratory periods of two hours each and two class recitations each week.

This course will begin with the study of Thallophytes, in the fall term. During the winter and spring terms, the time will be given to a study of the Bryophytes, Pteridophytes and Spermatophytes. Emphasis will be laid on plant structure, function, relationship and comparative morphology.

Systematic botany will be studied especially during the spring term, some time being given to field work and classification of plants.

The laboratory work will consist of careful observation, dissection and drawing of types selected from the various groups of plants. The recitations will be for the purpose of considering general problems relating to plants and discussing such questions as may arise in connection with the laboratory work.

V. Comparative Anatomy. M.—F. Fall Term.

This course together with the course in histology, is especially intended for prospective medical students and those who will take up the work of human physiology. Both will furnish an excellent foundation for the study of the human body in the physiology course. The work in anatomy will include the comparative study, of a number of types selected from the classes of vertebrates. Careful dissection and drawing will be necessary. Class discussions and tests will be adapted to the needs of the class. Prerequisite General Zoology III. Not given 1915-16.

VI. Histology. M.—F. Winter Term.

This course will follow logically the work in comparative anatomy and consist primarily of laboratory work. The preparation and study of animal tissues will constitute most of the work, although there will be a limited study of the tissues of the human body from slides. Prerequisite General Zoology III. Not given 1915-16.

VII. Physiology. M.—F. Spring Term.

This course will be the study of the human body with the aid of models, charts, a human skeleton, microscopic and lantern slides. There will also be gross dissections of several animals and from this standpoint digestion, absorption, circulation, respiration, and reproduction will be studied. Not given 1915-16.

## ENGLISH

Professor Whitmer

VI. Composition. T. Th. Three Terms.

Weekly and fortnightly themes with a study of Canby's English Compositions in Theory and Practice and Carpenter and Brewster's Modern Prose. Required course.

VII. Exposition and Argumentation. T. Th. Three Terms.

Studies in the structure, style, and function of different types of exposition and argument, with some attention

to their application to orations and debate. Prerequisite, English VI.

VIII. Description and Narration. T. Th. Three Terms.

The reading and criticism of masterpieces of description and narration, especially the short story, some study of technique, and constructive work in story writing. Prerequisite, English VI. Not given 1915-16.

### LITERATURE

IX. Introduction to English Literature.

M. W. F. Three Terms.

A historical and critical survey of English literature from Beowulf to Kipling, based on an outline history of English Literature and Century Readings in English Literature.

X. Masterpieces of English Literature.

T. Th. Three Terms.

The following poems will be the basis for detailed study, reports and discussions; Shakespeare's Sonnets; Wordsworth's Prelude and Excursion; Tennyson's In Memoriam and Idylls of the King; Browning's dramas and the Ring and the Book. Prerequisite, English IX. Not given 1915-16.

XI. Nineteenth Century Poetry. M. W. F. Three Terms.

The work in this course is based on Page's British Poets of the Nineteenth Century, which includes all the important English poets from Wordsworth to Swinburne. Prerequisite, English IX. Not given 1915-16.

XII. The Elizabethan Drama. M. W. F. Three Terms.

After a brief historical survey of the development of the drama in English Literature the technique, art and content of the Elizabethan drama will be studied, with special emphasis on Shakespeare. Prerequisite, English IX.



**XIII. Modern Realistic Fiction. T. Th. Three Terms.**

This course will consist of lectures, discussions, and extensive readings of representative works of Austin, Scott, Dickens, Thackeray, Eliot, Meredith, Hardy, and others. Prerequisite, English IX. Not given 1915-16.

**XIV. Chaucer, Spencer and Milton. T. Th. Three Terms.**

Three things will be attempted in the study of each poet: a definite first-hand acquaintance with the author, his age, and his poetry. Prerequisite, English IX. Not given 1915-16.

**XV. The Prose Essay. T. Th. Three Terms.**

The study of the special essays of DeQuincey, Carlyle, Emerson, Newman, Arnold and Ruskin. A closer acquaintance with modern literature and an expression of life problems and ideals is the chief aim of these studies. Prerequisite, English IX. Not given 1915-16.

**XVI. American Literature. T. Th. Three Terms.**

The development of literature in America, with readings from representative authors, especially Emerson, Hawthorne, Bryant, Whittier, Longfellow, Lowell, Holmes, and Poe.

## FRENCH

Professor Zook

**French I. M. W. F. Three Terms.**

This course aims to give a thorough and practical knowledge of the essentials of French grammar and elementary composition. Careful attention is paid to pronunciation and colloquial drill in connection with the reading of easy texts. The selections read vary from year to year. Open to college students who have two years of foreign language.

**French II. M. W. F. Three Terms.**

This course is a continuation of French I, and con-

sists of reading prose selections from modern writers with conversation based on the text. Part of the course consists of a review of grammar and exercises in writing French. Not given 1915-16.

## GERMAN

Professor Gerig

I. German. M .W. F. Three Terms.

The first term is devoted to acquiring good pronunciation, to gaining facility in the use of German script, and to mastering the forms of inflection and common principles of sentence construction. Written exercises in translation and drill in the forms of inflection are daily requirements. In the second term the grammar is completed. Translation of German selections of prose is then begun. Grammatical study accompanies the work throughout the year. The memorizing of several poems and practice in conversation are requirements of the course.

II. German. T.—F. Three Terms.

The work of the second year consists in a review of grammar topics, some exercises in composition and conversation, the study of at least two standard dramas, and the perusal of a number of prose selections. A few choice lyrics are also memorized during the year.

III. Reading Course. M. W. F. Three Terms.

The first term is devoted to the rapid reading of some production of prose literature. Attention will be given to conversation and some drill in discussion in the original will be attempted. The second and third terms are devoted to drama. A paper on a subject assigned by the instructor will be required each term.

IV. Composition. T. Th. Three Terms.

The work in this course consists of translation of English exercises in German, paraphrases of stories, epistolary writing and original compositions.

## V. Schiller and Goethe.

M. W. F. Three Terms.

This year's work will be devoted to the study of works taken from Schiller and Goethe. Several works will be assigned for collateral reading and reports on them are required. A paper on some specially assigned subject is also a part of each term's work.

## VI. Lyrics and Ballads.

T. Th. Three Terms.

The study of the choicest lyrics and ballads of the foremost German poets and the memorizing of a few of the shorter ones together with short biographical sketches make up this course. Prerequisite, German III. Not given 1915-16.

## VII. Nineteenth Century Literature.

M. W. F. Three Terms.

The first half of the year is given to the study of the writings of the Romantic School. The selections for the last half are taken from the production of late authors. Reports on assigned topics are required each term. Prerequisite, German III. Not given 1915-16.

## VIII. History of German Literature. T. Th. Three Terms.

A study of the History of German literature and the forces that have been instrumental in its development. This course is given in English and is open to any student of the College Department. The course combines the recitation and lecture methods.

## IX. Scientific German.

T. Th. Three Terms.

This course offers an opportunity to become familiar with the vocabulary and idioms peculiar to chemistry, physics, political economy, geology and the technical industries. Not given in 1915-16.

## GREEK AND LATIN

Professor Zook

## GREEK

## I. Greek.

M.—F. Three Terms.

The first two terms are devoted to elementary lessons in Greek, supplemented by a number of short stories, which give the student an opportunity of applying his knowledge of Greek forms and syntax, and affords a much needed preparation for Xenophon's *Anabasis*, which is begun in the third term. Practice in reading at sight and comparison of Greek and English idioms receive careful attention.

## II. Greek.

M.—F. Three Terms.

The first of this year will be given to exercises in writing Greek prose and reading three books of the *Anabasis*. Grammatical forms and rules of syntax will be reviewed. Attention will be given to sight reading and principal parts of irregular verbs. In the third term three books of Homer's *Iliad* will be read, the literary merits of Homeric dialect carefully noted and especial attention given to the heroic hexameter.

## III. Greek.

M. W. F. Three Terms.

Herodotus; Xenophon; Plato.

## LATIN

## V. Latin.

M. W. F. Three Terms.

This year's work aims to give the student an appreciation of the life and spirit of the Romans. The inflection of nouns and verbs is carefully reviewed. Special attention is given to word analysis and syntax. In the first year Cicero's *De Senectute* and *De Laelio* will be read; second term Cicero's *Tusculan Disputations* third term, Livy, Book V.

VI. Poetry of Horace. T. Th. Three Terms.

Odes and Epodes, Selections from Satires and Epistles. Not given 1915-16.

VII. Latin. M. W. F. Three Terms.

The basis of this year's work will be the plays of Plautus and Terence. Not given 1915-16.

## HISTORY AND SOCIAL SCIENCE

Mr. Weaver

### HISTORY

IV. American. M.—F. Three Terms.

This course will cover the entire period of American History. Collateral reading is required and special topics assigned.

V. Medieval Europe. M.—F. Fall Term.

This course deals with the religious, social and political life and institutions of the middle age. Collateral reading and special reports and term papers are required.

VI. Modern Europe. M.—F. Winter Term.

This course deals with the period of European History from 1494 to 1815. Method of work same as above.

VII. Nineteenth Century Europe. M.—F. Spring Term.

1815 to the present. A study of the problems of the reorganization of Europe after 1815, the rise of Democracy, the Eastern question and other important questions of the century. Hazen, Robinson, Seignobos. Fyffe and other books serve as a basis for the work.

VIII. English. M.—F. Fall and Winter Terms.

a. From the beginning to the Revolution of 1688. Particular emphasis on the institutional and constitutional phases of history. Terry's text will be used. Considerable collateral reading.

b. From the Revolution of 1688 to the Congress of Vienna 1815. Texts and methods, same as above. Not given 1915-16.

### POLITICAL SCIENCE

XI. American Government. M.—F. Fall Term.

This course will consist of the study of the national government in action, including the organization and procedure of congress, the powers of the Executive, and the administrative and the judicial system. Beard's American Government and Politics will be used as a text. Not given 1915-16.

XII. European Governments. M.—F. Winter Term.

A descriptive and comparative study of the constitutional organization and practical working of the principal governments of Europe. Not given 1915-16.

XIII. International Law. M.—F. Spring Term.

This course is a general treatment of the law governing international relations in peace and war, with considerable attention to the development of arbitration and international organs of administrations. Hershey's Essentials of International Public Law will be used as a text. Not given 1915-16.

### ECONOMICS AND SOCIOLOGY

XIV. Economics. M. W. F. Three Terms.

This course covers the general field of the subject dealing with such general questions as production, consumption, distribution and exchange of wealth. Special emphasis is given to one of the practical economic questions of the day such as the relation of labor to capital, banking, tariff, cooperation, trusts. A text is used with collateral reading in such work as Ely, Hadley, Seager, Walker, Marshall, Taussig.



The third term will include a detailed study of a few of the economic problems touched upon in the preceding terms. Outside reading is required.

XV. Sociology.

T. Th. Three Terms.

A general course covering the elements of the subject with special reference to practical applications. A text will be used with collateral reading.

## MATHEMATICS AND ASTRONOMY

Professor Lehman

IV. Algebra.

M.—F. Fall Term.

This course presupposes a thorough course in Elementary Algebra equivalent to the work outlined in Stone and Millis's Algebra, Complete Course. Special attention is given to the theory of exponents, radicals, quadratic and higher equations, variables and limits, complex numbers, determinants, and theory of equations. Required course.

V. Trigonometry.

M.—F. Winter Term.

In this course are studied the elements of Trigonometry and Surveying. It includes computing heights and distances of inaccessible objects, solving triangles, developing formulae, verifying identities, solving equations, and checking results numerically and graphically. Required course.

VI. Analytic Geometry.

M.—F. Spring Term.

A thorough discussion of loci and their equations, including the straight line, circle, parabola, ellipse, hyperbola and the elements of geometry of space. A large number of problems are solved.

Some of the following courses will be given if there is a demand for them.

**VII. Advanced Analytic Geometry. M.—F. Winter Term.**

A review and continuation of the work of Course VI. It includes higher plane curves and solid Analytic Geometry.

**VIII. History and Teaching of Mathematics.**

M.—F. Spring Term.

Several standard works will be studied and compared. Modern methods and movements will be discussed.

**IX. Calculus. M. W. F. Three Terms.**

This course includes most of the topics, and a liberal selection of problems, from Granville's Differential and Integral Calculus. Prerequisite IV, V, VI.

**X. Advanced Calculus. T. Th. Three Terms.**

This is a continuation of course IX. It includes such topics from Osgood's Calculus, as the theory of definite integrals, and their application to the finding of areas, volumes, centers of gravity and moments of inertia; partial differentiation with applications to the geometry of space; and double and triple integrals.

**XI. Differential Equations. M. W. F. Three Terms.**

Murray's and Johnson's texts will be used.

**XII. Theory of Equations.**

M. W. F. Winter and Spring Terms.

In subject matter this course naturally follows IV. It includes the leading topics in Burnside and Panton's Theory of Equations.

**XIII. Descriptive Astronomy. M.—F. Fall Term.**

The work begins with observation of the planets, the moon, the constellations, and other phenomena. The equatorial telescope is studied and used. Text books, charts and journals are consulted.

#### XIV. General Astronomy.

M. W. F. Winter and Spring Terms.

This involves a more exact and thorough study of the science of astronomy than does XIII. No mathematics beyond Trigonometry and Analytics (VI) are required.

### PHILOSOPHY AND EDUCATION

Professor Winter

#### PHILOSOPHY

##### I. Introduction to Philosophy. M.—F. Fall Term.

The object of this course is to explain to beginners the meaning, interest, and scope of philosophy, and to acquaint them with the character of the chief schools of thought. Text book, lectures, collateral reading, and papers. Not given 1915-16.

##### II. Logic. M.—F. Winter Term.

A discussion of deductive and inductive reasoning. Text book, lectures, and collateral reading. Prerequisite, Course I. Not given 1915-16.

##### III. Ethics. M.—F. Spring Term.

A course in ethical theory, partly historical, partly critical and constructive. Text book, lectures and collateral reading. Prerequisite, Course I. Not given 1915-16.

##### IV. Aesthetics. M.—F. Spring Term.

A discussion of the definition, forms, and standard of beauty and the relation between aesthetic values and ethical and religious values. Text books, lectures and collateral reading. Prerequisite, Course I. Not given 1915-16.

##### V. History of Philosophy.

###### a. History of Ancient Philosophy. M.—F. Fall Term.

A study of the development of the problems of philo-

sophy from the beginning of Greek philosophy to the opening of the Middle Ages. Text book, Lectures, collateral reading and papers. Prerequisite, Course I.

b. History of Modern Philosophy. M.—F. Winter Term

This course is similar in scope to V(a), and extends from the beginning of the Middle Ages to the present time. Course V(a), while not required furnishes desirable preparation for this course.

VI. Philosophy of Religion M.—F. Spring Term.

A study of the fundamental principles of religion in its relation to philosophy and science. Prerequisite, Course I.

### PSYCHOLOGY

VII. Elementary General Psychology. M.—F. Fall Term.

This course consists of a rapid survey of the facts of mind, preceded by a brief discussion of the various fields of psychological research, such as normal and abnormal psychology, psychophysics and physiological psychology. The instrumental and genetic-functional viewpoints are clearly distinguished throughout. The study of a standard text is supplemented by lectures, collateral reading and experiments.

VIII. Child Psychology. M.—F. Winter Term.

This course is based on Course VII and consists in an interpretation of the child's mind, from both the instrumental and genetic-functional standpoint, as a basis for the learning process. Special attention is given to such topics as imitation, inhibition, emotions and the moral ideas of children. The study of a standard text is supplemented by lectures, collateral reading and reports. (See XII note).

IX. Educational Psychology. M.—F. Spring Term.

This course considers the psychological principles that are basic to the learning process. In addition to a

discussion of the pedagogical significance of such processes as attention, association, memory, imagination and interest, special attention is given to the problem of the transfer of training and to logical thinking. The study of a standard text is supplemented by lectures, collateral reading and reports. (See XII note).

## EDUCATION

### X. History of Education. M.—F. Fall Term.

This course deals primarily with the institutional side of education. It attempts to show the relation between the social, religious, and intellectual changes, and the varying conceptions of the aim, method, curriculum and organization of education from the dawn of civilization to the present. In addition to the study of a text book each student is required to prepare a notebook of collateral reading. (See XII note).

### XI. Principles of Education. M.—F. Winter Term.

The purpose of this course is to outline and examine the distinguishing aspects of the educative process. An attempt is made to interrelate the biological, psychological, sociological, aesthetic, moral and religious points of view. The study of a standard text book is supplemented by collateral readings and reports. (See XII note).

### XII. School Management. M.—F. Spring Term.

This course undertakes first to show the respective functions of the national government, the state, county, township and city, in school administration, and then discusses the concrete problems confronting the teacher, such as school organization, discipline, methods, examinations, grading, promotions, and the teachers relation to those in authority, to parents and to the community. Text book and collateral reading.

Note:—All normal students planning to teach in Indiana are required to take school observation as a pre-requisite for both "A" and "B" certificates.

## PHYSICAL SCIENCES

Professor Kurtz

## CHEMISTRY

## II. General Chemistry. M. W. F. Three Terms.

This course aims to give the student a comprehensive view of the fundamental principles of chemistry, both as a general culture subject, and as a foundation for more advanced chemical work. The work of the three terms includes (a) a study of several typical elements and such subjects as the laws of chemical combinations, solutions, ionization, and valence; (b) the nonmetals and the subjects of chemical equilibrium, the periodic law, and molecular and atomic weights; (c) the metals and industrial chemistry.

## III. Qualitative Analysis. M.—F. First Half Year.

Laboratory work, lectures and recitations on the principles and practice of Qualitative Analysis. The course consists largely of experimental work in the laboratory. In the lectures a careful study is made of the laws of chemical equilibrium, and the theories of solution and electrolytic dissociation as well as their practical application to analytical chemistry. Prerequisite, General Chemistry.

## IV. Organic Chemistry. M.—F. Last Half Year.

The course deals with the chief classes of organic compounds both of the aliphatic and aromatic series. Prerequisite, General Chemistry.

## V. Quantitative Analysis. M. W. F. Three Terms.

A careful study is made in the laboratory of the principles of gravimetric and volumetric analysis as applied to the separation and determination of the common bases and acids found in salts, minerals, etc. Prerequisite, General Chemistry and Qualitative Analysis.



## PHYSICS

## VI. General Physics.

T. Th. Three Terms.

This course is intended to acquaint the student with the elementary facts and general principles of physical science. Prerequisite, Elementary Physics and Trigonometry.

## VII. Experimental Physics.

Three Terms.

Laboratory work arranged to accompany the course in General Physics. The class meets five hours a week and the work counts for two credits. Hours to be arranged.

## EARTH SCIENCE

## VIII. Geology.

M.—F. Fall Term.

This course will be a brief and general survey of the entire field of Geology. The purpose of the work is to become acquainted with the leading facts concerning the formation, structure and history of the earth. The geological processes, Diastrophism, Vulcanism, and Graduation are carefully considered, preparatory to the study of Historical Geology. Not given 1915-16.

## IX. Geography.

M.—F. Spring Term.

After a physiographic study of the earth, the development and resources of the leading countries and nations of the world are taken up with special emphasis upon the United States. An effort will be made to trace the influence of soil, climate, and other physical conditions as determining factor in the resources of different regions, and the resulting development of trade and important commercial centers. The Conservation of Resources will receive attention.

## MUSIC

Professor Ebersole

Mr. Dunkelberger

## I. Harmony. Winter and Spring Terms.

This beginning class in Harmony will study chord formation, notation, resolution and general tonality. Voice leading and melodic partwriting are features from the very start. The major and the minor modes are studied together throughout the entire course. Harmony is the grammar of music and is very helpful to an intelligent appreciation of music.

## II. Harmony. M. W. Th. Three Terms.

The work in this course is a continuation of Harmony I and the study of new chords and progressions. In Harmony II more advanced melody writing is begun and chords and other small-form pieces are composed. The work is thus made very practical.

## III. Harmony and Composition. T. W. F. Three Terms

More new chords are learned. Modulations, Suspensions, Embellishment, etc., are the other subject matter. Harmonic analysis and more advanced composition require a large part of the time toward the close of this course.

## IV. Counterpoint and Composition. M. Th. Three Terms

Formal Analysis, Counterpoint and Composition will be pursued throughout the year.

## V. History of Music. T. W. F. Fall and Winter Terms

This course begins with the history of very early times, studying the cause and effect of early conditions. In the second term, the Classical and Romantic periods, and the biography and the works from the masters form the greater part of the study. The term is brought to a close with a review of American music and musicians.

# ACADEMY

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Daniel A. Lehman, Principal

The work in the Academy covers four years and is outlined especially for those who contemplate the completion of a college course.

Within prescribed limitations the student elects courses with the advice of the Principal. These courses form four years of systematic instruction suited to his peculiar needs. The completion of this work will prepare the student for entrance to the best colleges and professional schools, or give a limited education for general culture to those who find it impossible to get a college education.

## ENTRANCE REQUIREMENTS

Students who present certificates showing that they have completed the work of the eighth grade of common school studies and those holding teachers' certificates will be admitted without examination. Those who are not sufficiently advanced to take the regular course in the Academy will be required to take preparatory work in the common branches.

Classes in the common branches will be organized each term for those not prepared to take the regular courses.

## REQUIREMENTS FOR ACADEMY DIPLOMA

In the Academy all courses have four hours of recitation each week. Four such courses is the regular work of each student. One of these courses taken throughout the

year of three terms of nine months is the unit of credit. For graduation sixteen units are required of which the following are prescribed:

English .....	3 units
Mathematics .....	2 units
Foreign Language .....	2 units
Ancient History .....	1 unit
Science .....	1 unit

**Electives:**

Additional units chosen from above group	2 units
Electives .....	5 units

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Total for Graduation .....16 units

The five electives may be selected from any of the subjects in the Academy and within certain limitations from the other schools of the college.

## CURRICULUM

### General

FIRST YEAR		
FIRST TERM	SECOND TERM	THIRD TERM
Latin I .....	Latin I .....	Latin I .....
Algebra I .....	Algebra I .....	Algebra I .....
Botany I .....	Botany I .....	Botany I .....
English I .....	English I .....	English I .....
SECOND YEAR		
Latin II .....	Latin II .....	Latin II .....
Ancient History I .....	Ancient History I .....	Ancient History I .....
Plane Geometry II .....	Plane Geometry II .....	Plane Geometry II .....
English II .....	English II .....	English II .....
THIRD YEAR		
Latin III .....	Latin III .....	Latin III .....
Greek I, or	Greek I, or	Greek I, or
German I .....	German I .....	German I .....
Zoology II .....	Zoology II .....	Zoology II .....
Solid Geometry IIIa .....	Algebra IIIb .....	Algebra IIIc .....

## FOURTH YEAR

Latin IV, or.....	Latin IV, or.....	Latin IV, or.....
U. S. History .....	U. S. History.....	Civics.....
Greek II, or.....	Greek II, or.....	Greek II, or.....
German II.....	German II.....	German II.....
Physics I.....	Physics I.....	Physics I.....
English III .....	English III .....	English III .....

## Biblical

## FIRST YEAR

FIRST TERM	SECOND TERM	THIRD YEAR
Latin I.....	Latin I.....	Latin I.....
Algebra I.....	Algebra I.....	Algebra I.....
English I.....	English I.....	English I.....
Times of Jesus.....	Life of Jesus.....	Life of Jesus.....

## SECOND YEAR

Latin II .....	Latin II .....	Latin II .....
Plane Geometry II.....	Plane Geometry II.....	Plane Geometry II.....
Ancient History.....	Ancient History.....	Ancient History.....
Biblical Intro. O. T.....	Biblical Intro. O. T.....	Biblical Intro. O. T.....

## THIRD YEAR

Greek I .....	Greek I .....	Greek I .....
Zoology II, or.....	Zoology II, or.....	Zoology II, or.....
Botany I .....	Botany I .....	Botany I .....
English II.....	English II.....	English II.....
Biblical Intro. N. T.....	Biblical Intro. N. T.....	Biblical Intro. N. T.....

## FOURTH YEAR

Greek II.....	Greek II .....	Greek II.....
Physics I.....	Physics I .....	Physics I .....
English III .....	English III .....	English III .....
Church History .....	Church History .....	Church History .....

## AGRICULTURE

## I. Horticulture.

## T.—F. Fall Term.

This course will be an elementary study of the production of both large and small fruits for home use. There will be recitations, reports, and some laboratory and demonstration work.

**II. Elementary Dairying. T.—F. Winter Term.**

This course will include text book work on the properties and composition of milk and its products, and laboratory practice with the Babcock Tester and cream separator.

**III. Poultry Husbandry. T.—F. Spring Term.**

An elementary study will be made of poultry house construction, of types and breeds, and of care and feeding of farm poultry.

**IV. Animal Husbandry. M.—Th. Fall Term.**

This will be a study of types and breeds of farm animals and the elementary principles of animal breeding. Special attention will be given to the theory and practice of judging and feeding of live stock.

**V. Soils and Fertility. M.—Th. Winter Term.**

This course will include both class and laboratory study of conditions essential to plant growth. The formation and origin of soils, the functions and control of soil water, drainage, the effect of tillage, mulches, fertilizer and crop rotation will receive due attention.

**VI. Farm Crops. M.—Th. Spring Term.**

This term's work will be given to a study of the more common field crops, and will cover the problems of seed germination, development of the seeding, adaptation of crops to conditions of soil and climate, examination in the laboratory of seeds and the classification of grains and forage plants. Some time will also be given to scoring and judging of grains.

**ENGLISH****I. English. M.—Th. Three Terms.**

a. Classics: Selections for study and reading will be made from Silas Marner, Twice Told Tales, Sohrab and



Rustum, Franklin's Autobiography, Last of the Mohicans, Ivanhoe and The Lady of the Lake.

b. Composition and Rhetoric, including a review of grammar, two hours each week throughout the year.

II. English. M.—Th. Three Terms.

a. Classics: Selections for study and reading will be made from the House of Seven Gables, Treasure Islands, Ancient Mariner and Vision of Sir Launfal, selections from the Odyssey, Julius Ceasar and Merchant of Venice.

b. Composition and Rhetoric, two hours each week throughout the year.

III. English. M.—Th. Three Terms.

History of American Literature and Selections from Washington's Farewell Address, Webster's First Bunker Hill Oration, Burke's Speech on Conciliation with America, Chief American Poets and Short Stories.

IV. English. M.—Th. Three Terms.

History of English Literature and Selections from Burns, Carlyle's Essay on Burns, Milton's Minor Poems, Two Books of Paradise Lost, Tennyson's Idylls of the King, Palgrave's Golden Treasury, Macbeth and Hamlet. Not given 1915-16.

V. Interpretative Reading. T. Th. Each Term.

This course gives the theory of speech, gesture expressing thought, will and emotion, clear enunciation, correct pronunciation, sympathetic grasp of the content and impressive rendering.

## GERMAN

German I. T.—F. Three Terms.

The work of the year consists of a systematic study of grammatical rules and principles, the acquisition of cor-

rect pronunciation, and drill in composition and conversation. Daily exercises are required from all the pupils. A number of easy poems are memorized during the year.

#### German II.

T.—F. Three Terms.

The work of the first year is continued by a review of grammatical principles followed by the study of a number of easy prose selections. During the latter half year drama is begun. Collateral exercises in conversation and composition continue throughout the year.

### HISTORY

#### I. Ancient History.

M.—Th. Three Terms.

a. History of Greece. Given in the fall and during the first half of the winter term. Special attention will be given to constitutional, social, religious and artistic development, and to the correlation of the facts studied with present day conditions.

b. History of Rome. Given the last half of the winter and spring term. This course covers a period from the absorption of Greece into the Roman Empire to the Germanic invasions. Special emphasis is given to those factors which were influential in determining the trend of medieval and modern civilization.

#### II. United States.

M.—Th. Fall and Winter Terms.

The entire field will be covered. This course is to give a general survey of the history of the United States from the discovery of America to the present time. Outside reading. Hart's Essentials in American History will serve as a text. Not given 1915-16.

#### III. Civics.

M.—Th. Spring Term.

This is an elementary course in the study of the machinery of government, and obligations and privileges of citizenship. Garner's Government in the United States will be used as a text. Not given 1915-16.

## LATIN

## I. Latin.

M.—Th. Three Terms.

It is of great importance that the first year of Latin should lay a good foundation for the work of the following years. Careful attention is given to the mastery of inflection and the most important rules of syntax. The student is trained from the beginning to translate into good Latin, easy exercises which are dictated by the instructor. An attempt is made to train the beginner to grasp the meaning of the Latin before translating, and then to render into idiomatic English. The spring term is devoted to easy reading.

## II. Latin.

T.—F. Three Terms.

During this year Latin grammar is carefully reviewed. Special attention is given to written prose exercises which enables the student to put into practice the forms and rules of grammar. In the first part of the year some easy Latin will be read. This will be followed by five books of Caesar.

## III. Latin.

M. W. Th. F. Three Terms.

This year's work will begin with the study of the four orations against Catiline. These will be followed with several weeks in Latin prose composition. Then two more of Cicero's orations will be read. The third term will be given to Sallust's Catiline. During the year's work an attempt will be made to gain a knowledge of Roman life and customs. Some sight reading will be done in connection with assigned work. In composition work Bennett's text will be used.

## IV. Latin.

M. T. Th. F. Three Terms.

The fourth year will be given to the study of Latin poetry. In the first and second terms four books of Virgil will be read. Careful attention will be given to the literary merits of this great poem and comparisons will be

made between it and other great world epics. The third term will be devoted to the study of Ovid's *Metamorphoses*.

## MATHEMATICS

### I. Elementary Algebra. T.—F. Three Terms.

This course passes by easy steps from problems in Arithmetic to the system of Buchstaben-Rechnung called Algebra. It includes the subject of quadratic equations and the elements of proportion, variation, and logarithms. Many of the processes of elementary science are treated. The initial letter of a word is often used to stand for a number. Most of the time is spent on the fundamental processes, factoring, the statement of problems, and the solving of equations.

### II. Plane Geometry. M. T. W. F. Three terms.

The course begins with the organization of the student's past knowledge of form and with simple construction. Interest is aroused by the use of historical notes on the life and work of Euclid and other great mathematicians. Many original exercises, some of the elements of Trigonometry and application in the mechanical arts are given. Clearness of thinking is followed by accuracy of statement and logical reasoning.

### IIIa. Solid Geometry. M. Th. Three Terms.

The methods pursued in plane geometry are continued and special attention is given to the solution of problems and the demonstration of propositions without the aid of a text.

### IIIb. Advanced Academy Algebra. T. F. Three Terms.

The subjects of Elementary Algebra are reviewed. Then are studied Inequalities, Proportion and Variation, Permutations and Combinations, the Binomial Theorem, Progressions and Undetermined Coefficients. Throughout the course special attention is given to associating

and unifying the principles and showing the meaning of the processes.

IIIa and IIIb may be used for Academy or for College credit. IIIa, probably not offered 1915-16.

## SCIENCE

### I. Botany. M. T. Th. F. Three Terms.

This course is devoted to the study of common plants. The work will be begun with seed germination and includes the study and development of morphology of the seedling, plant structure, fertilization; methods of propagation will be given much attention. Plant adaption, their enemies and methods of protection will be studied. During the spring term much time will be given to classification. A standard text will be used and assigned reading required. Not given 1915-16.

### II. Zoology. M.—Th. Three Terms.

The work in this course consists of laboratory exercises, class discussions and field work. Work will begin with easy forms in order to enable students to become familiar with laboratory methods. The simpler forms of invertebrates will be studied during the fall term. During the winter and spring terms, types of vertebrates and insects will be dissected. A standard high school text will be used and collateral reading required from other books.

### I. Physics. M.—Th. Three Terms.

This is a general course extending over the entire subject. Its object is to give the student a thorough knowledge of the simpler experimental facts of physics. It treats of the general properties of matter, mechanics, sound, light, heat, magnetism and electricity. The work of the class room and laboratory supplement each other and are considered of equal importance. Each student is required to keep a complete and accurate record of the experiments performed.

## MUSIC

## I. Vocal Music.

M.—F. Three Terms.

This is a practical course including instructions in rudimentary principles and in reading and singing music in two, three, and four parts. The examination at the end of this course will admit into the chorus. Time required, three terms. This class is free to students from any course. Class each day one-half interval. Special promotion may be applied for during the first or second terms.

## II. College Chorus.

M.—F. Three Terms.

This course will be under the personal supervision of the Director and as rapid progress will be made as the ability of the singers will allow.

The work will be a drill in reading advanced music. Systematic practice will be conducted in intermediate tones and minor mode. Contrapuntal exercises and difficult chord work will be taken up. Oratorios and Cantatas will be studied.

## III. Introductory Knowledge. T. W. Th. Fall Term.

This is the first work in the theory of music and embraces a thorough study of notation, scales, keys, signatures, intervals, dynamic signs, tempo marks, chords, etc.

## BUSINESS

## I. Commercial Arithmetic.

M.—F. Fall and Winter Terms.

This course makes no attempt to teach the theoretical side of arithmetic. Only the practical problems of the work in business life are used. Short methods of computation are employed and a systematic plan is followed in order to develop speed and accuracy.

## II. Commercial Law.

M.—F. Winter Term.

This course does not aim to prepare the student for



the legal profession, but to give him a knowledge of law to pursue his business with confidence and safety.

### III. Bookkeeping.

M.—F. Three Terms.

This course continues throughout the year and takes up the principles of Bookkeeping and Accountancy. Many business men are handicapped because they do not have a systematic method of keeping records. H. M. Rowe's new text on Bookkeeping and Accountancy is used. From the very first the student is made familiar with transactions as they occur in actual business. At first the more simple ones are employed, while later the student is gradually led to use those that are more difficult.

### IV. Shorthand

M.—F. Three Terms.

In this course the student receives a thorough training in Gregg Shorthand. He becomes acquainted not only with commercial correspondence and business forms but by a great deal of outside reading of well written articles he is able to apply his shorthand to any line of work. The completion of the course entitles the student to one unit academic credit.

## BIBLE

For description of the Bible courses offered as electives, see Bible School, page 60.

# NORMAL SCHOOL

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JOHN E. HARTZLER, President.

JOHN E. WINTER, Principal.....Psychology, Education

PAUL E. WHITMER ..... English

DANIEL S. GERIG..... German

EHPRAIM J. ZOOK ..... Latin

WILLIAM B. WEAVER ..... History

DANIEL A. LEHMAN ..... Mathematics

JONATHAN M. KURTZ ..... Natural Science

JESSE STUTZMAN ..... Agriculture

AMOS EBERSOLE ..... Music

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## THE INDIANA STATE TEACHERS' TRAINING BOARD

Having found Goshen College fully equipped for preparing teachers, has placed it on the "ACCREDITED" list of schools doing such work, for Classes "A" and "B".

The purpose of the Normal School is to prepare teachers both theoretically and practically for teaching in all grades of public schools. The qualifications of the teacher are a thorough knowledge of the subject matter to be taught, a comprehension of the nature of the individual to be educated, and skill in drawing out the powers of the learner's mind by bringing it into unity with the subject matter taught. The teacher should also have the knowledge of the methods of organizing and managing schools and the history of education in so far as it bears upon the work of the public schools of the present day.

## COURSE FOR "CLASS A."

(Twelve Weeks.)

Any one of the following subjects. Educational Psychology, Methods, History of Education, Child Study .

One course may be taken in the common branches.

One course in any advanced subject.

Vocal Music or Penmanship, may be taken in addition.

## COURSE FOR "CLASS B."

Same regulations as in "Class A" with no duplication of work.

## ONE YEAR COURSE

FIRST TERM	SECOND TERM	THIRD TERM
Psychology.....	Psychology.....	Observation.....
History of Education...	Science of Education...	School Management....
Grammar or U. S.	Physiology or U. S	Geography.....
History.....	History.....	Arithmetic.....
Penmanship.....	Music.....	

The above course includes all the work required for teachers in "A" and "B" classes, and in addition thorough courses in the subjects to be taught in the common schools, and in which the teacher is examined for his license. All high school graduates should complete this year's work before beginning to teach .

## TWO YEAR DIPLOMA COURSE

## FIRST YEAR

FIRST YEAR	SECOND TERM	THIRD TERM
Psychology.....	Psychology.....	Psychology.....
Grammar.....	Physiology .....	Observation.....
English Literature .....	English Literature.....	English Literature.....
Penmanship.....	Music.....	Arithmetic.....

## SECOND YEAR

History of Education...	Science of Education....	School Supervision.....
U. S. History.....	U. S. History.....	U. S. History.....
Physiology.....	Geography.....	Nature Study.....
English Composition....	English Composition....	English Composition....

Students completing this course will receive the "B" class certificate and will be enabled to complete the course for "C" class in one year, at the State Normal School.

All Normal students do regular observation work in the several grades of the Goshen city schools. This work is done under the direct supervision of the Principal of the Normal School and is an important element in the training of teachers.

By a recent arrangement with the Goshen City schools, teachers and prospective teachers who are sufficiently advanced in the theoretical part of their training are given opportunity to do regular practice teaching. They are given charge of rooms or departments in the grades and high school for one period each day for a term or semester. In this way Normal School students get not only the theoretical and observation work but have an opportunity to get actual teaching experience while getting their Normal training.

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## PROGRAM OF COURSES

### VII. Elementary General Psychology. M.—F. Fall Term.

This course consists of a rapid survey of the facts of mind preceded by a brief discussion of the various fields of psychological research such as normal and abnormal psychology, psychophysics, and physiological psychology. The instrumental and genetic-functional view-points are clearly distinguished throughout. The study of a standard text is supplemented by lectures, collateral reading and experiments. (See XII note).

### VIII. Child Psychology. M.—F. Winter Term.

This course is based on Course VII and consists in an interpretation of the child's mind, from both the instru-

mental and genetic-functional standards as a basis for the learning process. Special attention is given to such topics as imitation, inhibition, emotion, and the moral ideas of children. The study of a standard text is supplemented by lectures, collateral readings and reports. (See XII note).

**IX. Educational Psychology. M.—F. Spring Term.**

This course considers the psychological principles that are basic to the learning process. In addition to a discussion of the pedagogical significance of such processes as attention, association, memory, imagination, and interest, special attention is given to the problem of the transfer of training and to logical thinking. The study of a standard text is supplemented by lectures, collateral readings, and reports. (See XII note).

**X. History of Education. M.—F. Fall Term.**

This course deals primarily with the institutional side of education. It attempts to show the relation between the social, religious, and intellectual changes, and the varying conceptions of the aim, method, curriculum and organization of education from the dawn of civilization to the present. In addition to the study of a text book each student is required to prepare a notebook of collateral reading. (See XII note).

**XI. Principles of Education. M.—F. Winter Term.**

The purpose of this course is to outline and examine the distinguishing aspects of the educative process. An attempt is made to interrelate the biological, psychological, sociological, aesthetic, moral and religious points of view. The study of a standard text book is supplemented by collateral readings and reports. (See XII note).

**XII. School Management. M.—F. Spring Term.**

This course undertakes first to show the respective functions of the national government, the state, county township and city in school administration, and then dis-

cusses the concrete problems confronting the teacher, such as school organization, discipline, methods, examinations, grading, promotions and the teacher's relation to those in authority, to parents and to the community. Text book and collateral reading.

Note—All Normal students planning to teach in Indiana are required to take school observation as a prerequisite for both "A" and "B" certificates.

#### XIII. Methods and Observation. M.—F. Summer Term.

This course presents the elementary theory and practice needed by the beginner. Special attention is given to the method of recitation, course of study, school organization and discipline. One-half of the time is given to discussion of theory and the other to observation of expert teaching that illustrates the principles presented. The observation is carefully directed and interpreted.

#### XIV. Normal Grammar. M.—F. Fall Term.

The aim of this course is two-fold: (1) a critical study of the essentials of English grammar, especially the sentence and parts of speech with emphasis on the relation of words and their correct combination in sentences and (2) a discussion of various methods of teaching the English language and particularly formal grammar, in the grades.

#### XV. Normal Arithmetic. M.—F. Winter Term.

The aim of this course is to give facility and accuracy in solving practical problems, to explain and simplify the principles underlying the subjects, and to give suggestions and training in teaching. Exercises from various books and examinations are worked; blocks, coins weights and measures, and drawings are used in illustrating and field excursions are made for practice. While the subject matter is thoroughly treated, the methods of teaching classes of children are emphasized by lectures



on the use and abuse of definitions, what subjects are important, and the history of the development and teaching of Arithmetic.

XVI. Geography.

M.—F. Spring Term.

After a physiographic study of the earth, the development and resources of the leading countries and nations of the world are taken up with special emphasis upon the United States. An effort will be made to trace the influence of soil, climate, and other physical conditions as determining factors in the resources of different regions, and the resulting development of trade and important commercial centers. The Conservation of Resources will receive careful attention.

XVII. American History.

M.—F. Three Terms.

The work in history aims to unify and systematize the students' knowledge of the subject. Topics are chosen that are typical in their character which when grouped together will make a view of real movements and important phases in our history. The usual amount of time will be given to special instruction in methods of teaching.

XVIII. Physiology.

M.—F. Winter Term.

With a high school preparation the student is able to take an advanced course in Human Physiology. The didactic and laboratory methods are combined in such a way as to give the pupil a comprehensive and scientific knowledge of the structure of the human body and of the laws of health.

XIX. Vocal Music.

M.—F. Each Term.

Instruction in music will serve to add to the general culture of the student and will prepare him to meet the requirements in music that are demanded of the teacher in a number of states. The course includes the study of

notations, scales, keys, signatures, intervals, dynamic signs, movements and so forth.

XX. Penmanship.

M.—F. Each Term.

Directions are given for the proper position at the desk, the proper movement, so that the student may learn to write legibly, and rapidly without tiring. An unshaded simplified style is taught.

ACADEMY COURSES

Full description of High School and College courses is given in the College and Academic Departments above.

SUMMER SCHOOL

Special attention is given to the training of teachers during the Summer Term. For information see Summer School.

# SCHOOL OF AGRICULTURE

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JOHN E. HARTZLER, President.

PAUL E. WHITMER, Dean ..... English

JESSE STUTZMAN ..... Agriculture

SAMUEL WITMER ..... Biology and Agriculture

CHRISTIAN B. BLOSSER Special Lecturer in Agriculture

JONATHAN M. KURTZ ..... Physical Sciences

DANIEL S. GERIG ..... German

EPHRAIM J. ZOOK ..... French

DANIEL A. LEHMAN ..... Mathematics

JOHN E. WINTER ..... Education

WILLIAM B. WEAVER .... History and Social Sciences

## REQUIREMENTS FOR GRADUATION IN AGRICULTURE

The one hundred and eighty term hours required for graduation shall be distributed as follows: (1) Candidates for the B. S. degree in Agriculture shall include fifteen hours of English, ten hours of mathematics, twenty hours of modern language, and fifteen hours of history and economics. Graduates who expect to teach shall also include fifteen hours of work in education. (2) Students shall elect at least forty-five hours in the Physical and Biological Sciences including Chemistry II and either Zoology or Botany. Students are urged to elect Chemistry III and IV and Physics VI and VII to get the best results in their Agricultural studies. (3) A minimum of sixty hours is required in technical Agriculture including a major of forty-five hours and a minor of fifteen hours. Majors may be selected either from Soils and Crops or from Animal Husbandry, including Dairying. The minor shall be selected in subjects not included in the major.

## FARM CROPS

## II. Farm Crops.

M.—F. Fall Term.

A laboratory and classroom study of the principal cereals with reference to local conditions. The history, botanical characters, adaptations, distribution and cultural characteristics will be studied. Some grain judging will be included in the laboratory work.

## III. Farm Crops.

M.—F. Winter Term.

A study similar to the study of the cereals will be made of the principal forage crops.

## HORTICULTURE

## II. Horticulture.

M.—F. Spring Term

The work in this course will consist of three class and two laboratory periods per week. The course will be a study of the home orchard with reference to the selection of the site, planting, propagating, pruning and spraying. There will be lectures, recitations, laboratory work and reports on assigned readings.

## III. Horticulture.

M.—F. Spring Term.

This course in Vegetable Growing will be a consideration of the various garden vegetables with reference to their cultural requirements, soil, temperature and moisture preferences, etc. The course will be practical from the standpoint of the home vegetable garden. Not offered in 1915-16.

## SOILS

## II. Soils.

M.—F. Fall Term.

An elementary study of soils in laboratory and field. The class work will cover Lyon and Fippins' "Soil Management" or similar text.

III. Soils. M.—F. Winter Term.

The relationship between the physical properties of soils and crop production will be considered.

IV. Soils. M.—F. Spring Term

A soil survey will be made of a limited area near the College. Lectures, laboratory and field work.

V. Soils. M.—F. Spring Term.

This course will deal with practical methods of maintaining and increasing soil fertility. Not given 1915-16.

### ANIMAL HUSBANDRY

III. Animal Husbandry M.—F. Fall Term.

This course will be a study of the types and breeds of farm animals. Not given 1915-16.

IV. Animal Husbandry. M.—F. Winter Term.

This course will be a study of animal feeding and of the feeds usually found on the farm. Not given 1915-16.

V. Animal Husbandry. M.—F. Spring Term.

A practical course in animal judging. Not given 1915-16.

VI. Animal Husbandry. M.—F. Spring Term.

This course will deal with the management, feeding, incubating and brooding of farm poultry. Not given 1915-16.

### DAIRYING

II. Dairying. M.—F. Fall Term.

This course will include the theory and practice of butter and cheese making. Not given 1915-16.

III. Dairying. M.—F. Winter Term.

A study of the production, management, and marketing of whole milk. Not given 1915-16.

### OPEN TO HIGH SCHOOL OR ACADEMY STUDENTS

I. Horticulture. T.—F. Fall Term.

This course will be an elementary study of the pro-

duction of both large and small fruits for home use. There will be recitations, reports, and some laboratory and demonstration work.

I. Elementary Dairying T.—F. Winter Term.

This course will include text book work on the properties and composition of milk and its products and laboratory practice with Babcock Tester and Cream Separator.

II. Poultry Husbandry. T.—F. Spring Term.

An elementary study will be made of poultry house construction, of types and breeds, and of care and feeding of farm poultry.

I. Animal Husbandry. M.—Th. Fall Term.

This will be a study of types and breeds of farm animals and the elementary principles of animal breeding. Special attention will be given to the theory and practice of judging and feeding of live stock.

I. Soils and Fertility. M.—Th. Winter Term.

This course will include both class and laboratory study and conditions essential to plant growth. The formation and origin of soils, the functions and control of soil water, drainage, the effect of tillage, mulches, fertilizer and crop rotation will receive due attention.

I. Farm Crops. M.—Th. Spring Term.

This term's work will be given to a study of the more common field crops, and will cover the problems of seed germination, development of the seeding, adaptation of crops to conditions of soil and climate, examination in the laboratory of seeds and the classification of grains and forage plants. Some time will also be given to scoring and judging of grains.

For prizes in the School of Agriculture see page 107.



# BIBLE SCHOOL

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JOHN E. HARTZLER, President.

IRVIN R. DETWEILER ..... New Testament

JONAS S. HARTZLER .. Life of Christ, Bible Geography

PAUL E. WHITMER ..... English

JOHN E. WINTER ..... Psychology

WILLIAM WEAVER ..... History

MARY HOOLEY ..... English

AMOS EBERSOLE ..... Vocal Music

The Bible School is organized and maintained to meet the needs of two classes of students. It aims to give all students an opportunity to obtain a comprehensive knowledge of the great themes of the Bible while they are at the same time taking their training in college. It also aims to give special opportunity for thorough Bible study to those who are planning to take up direct religious work. The courses give the student a broad and practical knowledge of the history, literature and thought of the Bible by the best methods of interpretation and independent study. The courses vary in scope and method so that the need of practically every one may be served.

The curriculum is so arranged and the courses so planned that the best inductive methods may be used. The student is taught theology after the way has been carefully prepared by the inductive, practical and scriptural methods. Instead of approaching the themes in theology from a dogmatic or philosophic point of view the student makes his own generalization after the data has been carefully gathered in the earlier courses by the help of the instructor.

## REGULAR COURSE

This course covers two years and is open to those who have completed a four year Academy or High School course. In addition to the careful inductive and exegetical work in the English Bible, both Old and New Testament, several courses in the Greek New Testament and an introductory course in Old Testament Hebrew are given. These with the work in Theology, Practice, Church History, Missions, and Vocal Music make a unified and well balanced system of courses, especially helpful to Missionaries, Church and Sunday School workers.

## CURRICULUM

## FIRST YEAR

FIRST TERM	SECOND TERM	THIRD TERM
Old Testament I.....	Old Testament I.....	Old Testament I.....
New Testament Ia.....	New Testament I.....	New Testament I. ....
Theology I.....	Theology I.....	Theology I.....
New Testament V.....	New Testament V.....	New Testament V.....
Psychology.....	Psychology.....	Ethics.....

## SECOND YEAR

Old Testament II.....	Old Testament II.....	Old Testament II.....
New Testament II....	New Testament II.....	New Testament II.....
Theology II.....	Theology III.....	Theology III.....
New Testament VI.....	New Testament IV.....	New Testament VI.....
Electives.....	New Testament.....	Church History.....

## PROGRAM OF COURSES

## OLD TESTAMENT

Special attention is given to the chronological order of the scripture material and the historical settings of the prophecies, their genetic relation to the political, social and religious environment, the element of moral and spiritual truth which they convey and any Messianic predictions they may contain. After the historical background of the period is laid the prophetic messages are studied in detail upon the basis of the scripture material. These courses furnish an introduction to the various departments of Old Testament study.

I. History and Prophecy. M. W. F. Three Terms.

a. The history of Israel is traced from the conquest to the fall of the Northern Kingdom, by an analytical and comparative study of the portions of Joshua, Judges, Samuel, Kings and Chronicles that deal with this period.

b. Prophecy to the fall of the Northern Kingdom. A study of the rise, content, classification, definitions and principles of prophecy and a detailed study of Amos and Hosea.

c. The history of the Southern Kingdom from Uzziah to the fall of Jerusalem with special study of Isaiah and Micah.

II. History and Prophecy. M. W. F. Two Terms.

The literature of the Babylonian period of Judah's History, Babylonian Exile, the Greek age to the Maccabean revolt. The same aim and method in the study of Old Testament History and Prophecy will be continued as in Course I.

III. Poetry and Wisdom. M. W. F. Spring Term.

A general survey of Hebrew Poetry and Wisdom Literature with a more careful study of characteristic selections. The aim is to familiarize the student with this phase of Old Testament literature. Not given 1915-16.

## NEW TESTAMENT

This course aims to make the student familiar with the origin and development of our New Testament writings. In the study of the several books, each book is considered with respect to its historical setting, literary character, author, first readers, occasion, aims, and social ethical, and doctrinal teaching. The discussion and lectures in class are supplemented with assigned readings and written reports.

## I. New Testament.

T. Th. Three Terms.

a. The Gospel of John. A thorough inductive study of the Gospel. Development of thought is traced and the leading terms of the Gospel are studied in preparation for a study of Johannine Christology in the following course.

b. The Epistles of John. The Epistles are used to supplement the teachings in the Gospel in the development of the Christology of the Johannine literature.

c. The Epistles of James, Peter and Jude. The same inductive and analytical method will be used as in the preceding courses. Not given 1915-16.

## II. New Testament.

T. Th. Three Terms.

a. The Gospel of Luke. In addition to the work of introduction special attention is given to the sections peculiar to this Gospel, and a discussion of the synoptic problem.

b. The Book of Acts, the beginning of Christianity, growth in Palestine and the work of Paul.

c. Pauline Epistles. The general Principles of Introduction are used in a study of the Pauline Epistles with a careful study of Galatians and Phillipians.

## LANGUAGE

## III. New Testament.

M. W. F. Three Terms.

The first two terms are devoted to the mastery of the elements of the New Testament Greek and a vocabulary sufficient to begin the reading of the Gospel of John. The third term is devoted to reading the Gospel of John and a review of the Grammar studied in the preceding terms. Prerequisite, two years training in language study.

## IV. New Testament.

M. W. F. Three Terms.

A careful translation of Mark, Matthew and Luke. Word study and an application of moods and Tenses of the

Greek language. The grammatical study with special emphasis on syntax will continue through the year. Pre-requisite course III or its equivalent of classical Greek.

V. New Testament. M. W. F. Three Terms.

A translation of the Acts of the Apostles, miscellaneous Epistles and selections from the Septaugint. Special attention will be given to the mastery of the grammatical and lexical peculiarities of the Hellenistic Greek and the relation that the Septaugint sustains to the Hebrew of the Old Testament and the Greek of the New Testament.

### EXEGESIS

VI. New Testament. Romans and Hebrews.

T. Th. Three Terms.

Special attention will be given to the problems and teachings of the Primitive Church and the doctrines that grew out of them. The methods will be a presentation by the class of the results of exegetical study, using only the Greek text, lexicons and grammars, with work on introduction. Careful work will be done in translation, brief commentary, and close paraphrase. Not given 1915-16.

### THEOLOGY

I. Biblical Theology. M. W. F. Three Terms.

a. Teaching of Jesus. Fall Term.

This course is based on the historical and careful exegesis of the New Testament. A working knowledge of the Greek, while a great help, is not absolutely required. The aim is to give thorough acquaintance with the materials, the fundamental principles in the teaching of Christ, and to give practice in gathering and utilizing such material. Jesus' conception of the Kingdom of Heaven, of Prayer and of kindred subjects will be given attention.

b. The Teaching of Paul. Winter Term.

The method and aim of Course (a) will be continued through this course. The special aim will be to ascertain Paul's exact teaching on the Law, Sin, Grace, the Flesh and like subjects.

c. Apostolic Church. Spring Term.

The aim of this course shall be to trace carefully the origin, problems, and development of the early church. Prerequisite N .T. I, II.

II. Apologetics. M. Th. Fall Term.

This course will follow two lines of investigation—the practical and speculative. The historical sketch of Apologetics, functions and methods, theories of the universe—Christian and anti-Christian, Pantheistic, Atheistic, Materialistic, Deistic, Agnostic, the Christian Gospel and experiences, with the fundamental proofs of the Christian religion will be thoroughly considered. Prerequisite Philosophy I and V and Course I in Theology.

III. Systematic Theology.

M. Th. Winter and Spring Term.

In this course a general survey of theology covering the leading points of Christian doctrine will be made. The source of Christian Theology, Inspiration and Authority of Scripture; God, Man, Sin, Christ, the Holy Spirit and things to come will be taken up. Papers on special problems will be required during the course. Prerequisite Course I in Theology.

IV. Practical Theology. M. W. Three Terms.

a. Homiletics. Fall and Winter Terms.

Preaching and the preacher; the theory of preaching; various kinds of sermons; the text; essential qualities of the sermon; the introduction, the body and conclusion of sermon, with practical work in constructing and writing



sermon will constitute the main work of this course. (Lectures, Reading, Sermonizing).

**b. Evangelism.**

Spring Term.

The text will cover the subjects of The Present Call; Pastoral Evangelism; The Price of Power; Personal Evangelism; Evangelistic Preaching; Pulpit Power; Special Revival Periods; Methods of Revival Work, and others of great importance to the modern preacher. Not given 1915-16.

## RELIGIOUS EDUCATION

**VII. Elementary General Psychology. M.—F. Fall Term.**

This course consists of a rapid survey of the facts of mind, preceded by a brief discussion of the various fields of psychological research, such as normal and abnormal psychology, psychophysics, and physiological psychology. The instrumental and the genetic-functional viewpoints are clearly distinguished throughout. The study of a standard text is supplemented by lectures, collateral reading and experiments.

**VIII. Child Psychology.**

M.—F. Winter Term.

This course is based on Course VII and consists in an interpretation of the child's mind, from both the instrumental and genetic-functional standpoints, as a basis for the learning process. Special attention is given to such topics as imitation, inhibition, emotions and the moral ideas of children. The study of a standard text is supplemented by lectures, collateral readings and reports.

**III. Ethics.**

M.—F. Spring Term.

A course in ethical theory, partly historical, partly critical and constructive. Text book, lectures and collateral reading. Prerequisite Course I.

## ENGLISH COURSE

There are those who are or might be effective workers in the Lord's cause who have a very limited education, and who have no knowledge of Greek, and are otherwise not prepared to take the regular course, but desire a better knowledge of the English Bible.

The English course has been outlined for their special benefit. The Bible subjects in this course are studied from the sacred book itself and not from books about the Bible.

### TWO YEARS COURSE

FIRST YEAR		
FIRST TERM	SECOND TERM	THIRD TERM
Times of Jesus .....	Life of Jesus.....	Life of Jesus.....
Biblical Intro. O. T.....	Biblical Intro. O. T.....	Biblical Intro. O. T.....
English I .....	English I.....	English I.....
History I .....	History I.....	History I.....
Music.....	Music.....	Music.....
SECOND YEAR		
Biblical Intro. N. T.....	Biblical Intro. N. T.....	Biblical Intro. N. T....
Church History .....	Church History .....	Church History .....
The Origin of Bible .....	Life of Paul.....	Early Church.....
Missions.....	Personal Work.....	Personal Work.....
	Homiletics.....	Homiletics.....

## PROGRAM OF COURSES

Times of Jesus. T.—F. Fall Term.

Geography, history, customs, religious sects and ideas, historical relations of the life and teachings of Jesus.

Life of Jesus. T.—F. Winter and Spring Terms.

An inductive study of the life of Jesus on the basis of the Gospels.

Biblical Intro. Old Testament. T.—F. Three Terms.

The purpose of this course is to give the student a thorough working knowledge of the Old Testament in Eng-

lish. The student will read the entire Old Testament and locate each book in its chronological order. Outline certain books; write papers on selected subjects. Attention will be given to the literature of the Old Testament history of the Hebrews and reading of the entire prophetic literature .

Biblical Intro. N. T.

T.—F. Three Terms.

This course aims to give the student a serviceable knowledge of the books of the New Testament. The text book is the Bible with some outside reading.

The Origin of the Bible.

T.—F. Fall Term.

A study of the history of the Bible as the expression of the religious life of Israel; the life of Jesus and the growth of Christianity in the literature of the New Testament.

The Life of Paul.

T.—F. Winter Term.

A chronology of his life, his conversion, his missionary journeys, his attitude toward the church of Jerusalem, as a missionary and the character of his letters.

The Early Church.

T.—F. Spring Term.

The beginning and growth of the church in Palestine and the expansion of Christianity into the Roman Empire on the basis of the Book of Acts.

Missions.

T.—F. Fall Term.

A general introduction to the study of modern missions, principles, methods and aim .

Personal Work.

T. Th. Winter and Spring Terms.

An inductive study based on the scripture with application to modern men and methods. General principles, motives, message, method and aim.

Homiletics.

W. F. Winter and Spring Terms.

Construction and delivery of addresses and sermons.

**Church History.**

**T.—Th. Three Terms.**

This course will cover an outline of Church History from the beginning of the church to the present time. The first term will cover the history from the beginning to 590 A. D. The second term will cover from 590 A. D. to the Reformation. The third term will extend from the Reformation to the present time.

### **SPECIAL BIBLE TERM**

The short course in Bible study has been a feature of the institution for a number of years and has become a great help to many young people, Sunday School workers and the ministry. Last year it was lengthened to six weeks and a new feature added, by having the students spend the holiday week in rural and city observation work. This feature was altogether satisfactory and similar arrangements will be made for this year. For those who wish to study city missions, arrangements are made with one of the missions and for those who wish to study the rural problem arrangements are made with a country church. This will give the student opportunity to study the problems of the church first hand.

By J. E. Hartzler, Sunday School Methods.

By J. S. Hartzler, Travels in Bible Land, Life of Christ.

By I. R. Detweiler, Epistles.

By Daniel Kauffman, Christian Doctrine, Sunday School Lessons, Epistles.

By S. F. Coffman, Old Testament, Institutions.

By J. N. Kauffman, Dhamtari, India, Foreign Missions.

By J. K. Bixler, The Rural Problem.

By B. B. King, City Missions.

By Amos Ebersole, Vocal Music.

The work in this course is done as thoroughly as can be expected in six weeks. The same attention is given in this work as in any department of the institution. Lessons will be assigned each day which will be taken up the next day in class recitation and general discussion. The student is taught how to study his Bible independently.

During the short course the student rooms and boards at this school which gives him all the time between classes for study and preparation of definite assigned lessons. He has the opportunity to meet and become acquainted with the large number of young men and women who are attending college.

The library gives large opportunity for reading and selecting books for future use. It contains a large number of religious books such as Bible and Church Histories, Bible Dictionaries and Geographies, Commentaries, Maps and Charts to all of which the student has free access.

Note. Courses are so arranged that those who desire to remain longer than six weeks may do so by entering the regular course.

## HISTORY AND ENGLISH

For description of these courses see pages 41, 43.

## MUSIC

Ia. Vocal Music.

M.—F. Three Terms.

This is a practice course including instruction in rudimentary principles and in reading and singing music in two, three and four parts. The examination at the end of this course will admit into the chorus. Time required three terms. This class is free to students from any course. Class each day one-half interval.

Special promotion may be applied for during the first and second terms.

Ib. College Chorus.

M.—F. Three Terms.

The chorus will be under the personal supervision of the Director and as rapid progress will be made as the ability of the singers will allow.

The work will be a drill in reading advanced music. Systematic practice will be conducted in intermediate tones and the minor mode. Contrapuntal exercises and difficult chord work will be taken up. Oratorios and Cantatas will be studied. Class each day one-half interval.



# SCHOOL OF MUSIC

---

JOHN E. HARTZLER, President.

AMOS S. EBERSOLE, Director...Voice, Theory, Chorus

GUSTAV DUNKELBERGER ..... Piano, Theory

\*SYLVIA BONTRAGER ..... Piano, Organ

GERARD J. DINKELOO ..... Public School Music

PAUL E. WHITMER ..... English

MARY HOOLEY ..... Elocution

It is the aim of this department to give thorough instruction in such theoretical and practical studies of music as will fit the student for the profession as teachers and artists, but the courses are so arranged that the single branches may be pursued simply as a part of general culture or as an accomplishment.

Since much depends on the time and careful attention that the student will devote to the preparation of his lessons, it is difficult to designate a time limit for the satisfactory completion of any of the courses offered. The work in this department therefore, has been arranged according to grades. Pupils who have had experience in any of the branches taught in the department may pass an examination when entering which will determine the grade of work to be assigned to them.

## DIPLOMAS

A diploma of graduation will be awarded to those who satisfactorily complete the full Piano course, Vocal course, or Teachers' course.

\*Absent on leave.

## CERTIFICATES

Certificates of graduation will be granted to those who complete the Choristers' course or Reed Organ.

## PREPARATORY COURSE

There are two classes in which this very important work is done. Great care is taken to make these classes strong and practical. No student should neglect the foundation training.

**Introductory Knowledge.**—This class will study the rudiments of music embracing scales, keys, signatures, intervals, dynamic signs, tempo marks, etc.

**Vocal Music.**—This is a practice course including instruction in rudimentary principles and in reading and singing music in two, three and four parts. The examination at the end of the course will admit into the chorus. Time required is one to three terms. The class is free to students from any course in the institution.

## SUPPLEMENTARY THEORY

The theory outlined below is not intended to be taken without studies in applied music but may be pursued by college students or music students not taking their piano in this school. The order of the theory is as follows: Introductory Knowledge, Solfeggio, (which is also a practical course), Harmony, Composition, History of Music, Harmonic Analysis, and Musical Forms.

Thoroughness is insisted upon. The aim is to make these courses very practical.

## MUSIC TEACHERS' COURSE.

The Teachers' Course is intended to qualify for a musical career in conducting and teaching in musical institutions, normals, schools, etc. The study of theory, in-

strumental music and voice culture in this course, is pursued from the beginning to the close of the second year. (See outline).

### First Year

First Term.—Vocal Music, Introductory Knowledge, Solfeggio, Piano, Voice Culture, and one Academic Study.

Second Term.—Vocal Drill or Chorus, Harmony, Solfeggio, Piano, Voice Culture and one Academic study.

Third Term.—Chorus, Harmony, Solfeggio, Piano, Voice Culture and one Academic Study.

### Second Year

First Term.—Chorus, Harmony, Musical History, Piano, Voice Culture, and one Academic Study.

Second Term.—Chorus, Harmony and Composition, Methods, Piano, Voice Culture, and one Academic Study.

Third Term.—Chorus, Harmony and Composition, Methods, Piano, Voice Culture, and one Academic Study.

### Third Year

Theory, entire year; and Voice Culture or Piano, or Public School Music and Voice Culture; one Academic Study.

Note.—In the above courses Reed Organ may be substituted for Piano in the first year. The studies for the Piano and Voice Culture are the same in the Teachers' Course as outlined in the Piano Course and in the Voice Culture Course.

To those taking the entire Music Teachers' Course the following reduced prices per term are given. These prices quoted for "Private" and "Class of Two" refer to tuition

in Piano, Organ or Voice Culture or any Branch which is desired privately.

Lessons taken privately or in class of two are twice a week. Recitation intervals are fifty minutes.

	Private.	Class of Two.
Instructors .....	\$22.50	\$11.50
Assistants .....	15.50	8.00

Vocal Music, Supplementary Theory, one Academic Study, and piano rent, per term, first year \$12.00; second year \$15.00.

## VOCAL COURSE

The training of the individual voice is of first interest here. The quality and power of the voice are what make an impression upon the hearer. These characteristics depend upon correct breathing and the method of tone production, hence a great deal of emphasis is placed upon this important work.

Grade One.—Breathing, Tone Production, Intonation, Songs, Easy Arpeggios and Scales, Elementary Vocalises, Concone and Seiber, suitable songs.

Grade Two.—Principles of Grade One continued. Enunciation, Difficult Scales, Songs, Ensemble.

Grade Three.—Masterpieces of Vocalisation, Interpretation, Repertory, Songs and Arias.

Grade Four.—A continuation of Interpretation, Repertory building, Arias and the classical Song Literature.

For Graduation.—Those who satisfactorily complete the above Vocal Studies, the Music Teachers' Course, the Supplementary Theory, and perform successfully in public at least three times will be awarded a diploma of graduation from the Vocal Course.

## PIANOFORTE

## Preparatory Course.

Hand culture, notation, technical exercises used according to individual needs, scales in various forms, etudes, Compositions by Clementi, Bach, Mozart, and easy selections from the romantic composers.

## Intermediate Course.

Further technical development, etudes by Czerny, Heller, Krause. Selections from Bach, inventions and suites, Haydn and Mozart sonatas. Easier compositions by Beethoven, Mendelssohn, Schubert, Schumann and others.

## Music Teachers' Course.

Advanced technical exercises by Moszkowski, Joseffy, and others. Etudes by Heller, Czerny, Cramer, Bach fugues and suites. Sonatas and other compositions by Scarlatti, Hadyn, Beethoven, Weber, Mendelssohn, Chopin, Schumann, and modern composers.

## ADVANCED COURSE

This course will be adapted to meet the personal needs of each student.

## SPECIAL STUDENTS

Students desiring to study music merely as an accomplishment, are not required to make up a specific course, but may select work from any of them. Such pupils will not be eligible for teacher's certificate or diploma.

For Graduation.—To those who satisfactorily master the above Piano Course, the Music Teachers' Course, the

Supplementary Theory, and perform successfully in public at least three times, a Diploma of graduation from the Piano Course will be awarded.

### PUBLIC SCHOOL MUSIC

A training Course for Supervisors of Music in Public Schools.

A thorough and systematic course in Notation and Terminology, Ear Training, Oral and Written Dictation, Sight Singing, Primary and Intermediate Methods, a pedagogical course including Psychology and History of Music.

Observation lessons in the city schools will be given, covering the work of the grades from the Kindergarten through the High School.

Instruction and practice in Chorus Conducting. Note Singing and Training of the Child Voice.

For Graduation.—To those who successfully master the Music Teachers' Course, two terms of Public School Music and the Academy or First Class High School Course, a Diploma of Graduation from the Public School Music Course will be awarded.

Tuition for Public School Music, two terms, in advance, \$18.00.

### CHORISTER'S COURSE

First Term.—Voice Culture, Introductory Knowledge, Solfeggio, Vocal Music, one Bible Study, and one Academy or College Study.

Second Term.—Voice Culture, Harmony, Solfeggio, Chorus, one Bible Study, and one Academy or College Study.

Third Term.—Voice Culture, Harmony, Methods, Chorus, and one Bible Study, and one Academy or College Study.



Tuition for those who take the entire Choristers' Course as follows:

Academic Studies .....	\$7.50
Music Studies, except voice .....	7.50

Voice same as listed under Teachers' Course.

A few scholarships to cover part of the tuition of above courses are available.

### REED ORGAN

We do not publish an outlined course for this instrument, but an outline may be agreed upon between the pupil and the musical director to meet the special needs of the individual desiring such a course.

### REMARKS

#### Class of Two

Voice Culture, Piano, and Organ may be studied in classes of two. This gives to many individuals better advantages than private instruction. No one is held back because of others, each pupil has his own studies and pieces; and although he does not practice the lesson of his classmate, he nevertheless by hearing it recited learns his music in addition to that in his own practice. It really amounts to a private lesson before others, which enables one to sing or play with ease and grace in society or public. By this system, "ability is matched with ability, mind comes in contact with mind, and intellect is sharpened with intellect." Seeing others overcome difficulties, inspires us to overcome our own.

#### College Chorus

All registered students who are qualified may enter this class free of charge. The chorus will meet for practice one-half interval each day. The work will be a drill

in reading advanced music. Systematic practice will be conducted in intermediate tones and the minor mode. Contrapuntal exercises and difficult chord work will be taken up. Cantatas and Oratorios will be studied.

### Piano Lessons for Children

We make the following rates of tuition for children under twelve years of age. These lessons are given by a well trained teacher. A term consists of twelve weeks. Lessons may be taken after school hours or on Saturdays.

Special Tuition, Payable in advance:

Twice a week (20 min.) .....	\$9.00
Once a week (20 min.) .....	5.00

### Note

Pupils pursuing the Music Teachers' Course must give evidence of literary attainments or take the Academic Studies allowed in the courses.

Candidates for Diplomas must perform successfully in public at least three times.

Recitals will be given and pupils who are sufficiently advanced are expected to appear on these programs in preparation for public performance.

On entering the School of Music bring with you such songs, pieces, exercises and studies as you have on hand.

The class called "Vocal Music" is a free class to all pupils of the institution and meets daily for one-half interval.

Lesson and practice periods are fifty minutes in length.

Beginning pupils in Voice Culture, Piano, or Organ should register for two lessons per week and for not less than one term of twelve weeks.

Those who wish to finish the Music Teachers' Course must be students of the School of Music for at least three terms and are required to take private work not less than two terms in their Major subject.

Those who wish to finish the Vocal Course must be students of the School of Music at least six terms and are required to take private lessons in Voice Culture not less than three terms.

Those who wish to finish the Piano Course must be students of the School of Music at least six terms and are required to take private work in Piano not less than three terms.

Solfeggio is a term used in our courses to designate the class in ear training and sight reading.

# SCHOOL OF BUSINESS

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JOHN E. HARTZLER, President.

HOMER W. SCHROCK, Principal.

Bookkeeping, Penmanship, Commercial Arithmetic

VINORA WEAVER ..... Shorthand, Typewriting

WILLIAM B. WEAVER ..... Civics, Economics

MARY HOOLEY ..... Grammar, English

## BOOKKEEPING

We teach the H. M. Rowe system of Bookkeeping and Accountancy. This course is very practical and up-to-date. This course presupposes a good general education. A strong eighth grade student can finish in about nine months, while a high school graduate can generally finish in less time.

The course usually taken requires thorough work in all attendant branches and in the principles of Bookkeeping and Accountancy as follows:

Bookkeeping I.

M.—F. Fall Term.

A budget is used which is intended to train the pupil in the art of recording the simpler transactions used in a single proprietorship business. The papers used in the business practice are those in common use in any small grocery business. The goods bought and sold are those with which any student is familiar, the prices are simple and the calculations are easy, the aim is to get the pupil to become familiar with the purpose of the transaction rather than the dollars and cents involved.

The books used in this set are: The Cash Book, Purchase Book, Sales Book, Journal, Ledger, Check Book and Bank Book. At the end of each month's business the pupil is required to make out various statements incidental to the business such as Trading, Profit and Loss, and Resource and Liabilities Statements.

The student on finishing this set is not only prepared to proceed with the following sets but can also be bookkeeper for the business of any small merchant.

#### Bookkeeping II.

M.—F. Winter Term.

The second set in Bookkeeping and Accountancy illustrates wholesale business as conducted by partners. At first the business is conducted by two, later additional partners are admitted. Special rulings and columns are illustrated in this set. The accounts and principles are very similar to those used in any wholesale grocery business. The terms of credit and discounts on various groceries are as nearly correct as possible. These differ in detail in all wholesale grocery houses but the principles involved are very nicely illustrated. Special supplementary exercises are given throughout the course which not only add zest but serve to fix on the mind of the pupil some of the more basic principles. One important principle impressed in this set is that, however, much the details in various systems of Bookkeeping may differ the general principles are the same. So if the pupil understands these principles thoroughly, he will rarely fail in the ability to quickly adapt himself to any system.

#### Bookkeeping III.

M.—F. Spring Term.

The third budget represents a commission business conducted by a corporation. Much of the business carried on in the larger cities is conducted on a commission basis. The nature of the accounts and transactions are such that the student will become very familiar with business of that nature. Enough supplementary exercises are

given to show the pupil the method used in opening and closing the books of a corporation. Two of the special features of this set are: The Account Sales Register originated by the author and now universally used in wholesale houses, and the cash journal also originated by the author. Its distinctive feature is its special columns. It is rapidly gaining in popularity. After completing this set the student has learned the essentials used in keeping a set of books for a single proprietor, a partnership or a corporation. This completes the book-keeping and accounting work which is included in the nine months period.

#### Bookkeeping IV.

While three budgets will give a student a practical knowledge of the essentials involved in ordinary Book-keeping for those interested in advanced work we teach sets on Banking and Finance, Manufacturing, Real Estate and Agriculture. We are sure no one would regret taking any or all of these special courses.

#### Business Penmanship.

M.—F. Three Terms.

One of the best recommendations a young man or young woman can have in seeking employment is a neat, legible hand writing. From the day he enters he is under the instruction of a teacher, who employs only the most efficient means to secure to every student the most practical and desirable style of penmanship possible. The Palmer method of writing is used.

#### Commercial Arithmetic. M.—F. Fall and Winter Terms.

A thorough and comprehensive knowledge of the science and application of the principles of Commercial Arithmetic are essential for rapid promotion in office work. The subject is made practical and interesting by the application of many original methods. Since numbers are employed in every transaction our students are required



to be especially proficient in this respect before they are allowed to graduate.

#### Commercial Law.

M.—F. Winter Term.

We do not aim to fit our students for the legal profession but to give them sufficient knowledge of law relating to commerce that they may conduct their own business with confidence. Although this subject is usually considered uninteresting and difficult the student will be agreeably surprised if he joins one of our classes. We use Huffcutt's Commercial Law as a text.

#### Commercial Geography.

M.—F. Spring Term.

In this course one studies the various factors that control and influence commerce. Through the course an effort is made to connect causes and effects. With this as a basis attention is given to the mining and production of raw materials, to the process of manufacture to the establishment of large cities, to methods of effecting interchange and how this affects national life. New statistics are given and only those that represent normal conditions.

### SHORTHAND

The Gregg System of Shorthand is taught. It is simple, easily acquired and yet perfectly adequate for all kinds of stenographic work. The following regular courses are given; however, if demanded, beginning classes may be organized at the beginning of each term.

#### Shorthand I.

M.—F. Fall Term.

In this course the elementary and fundamental principles of the system must be thoroughly mastered for this determines the success of the Shorthand student. The work covers the first twelve lessons in the Gregg Shorthand Manual. Supplementary exercises are given each day to enlarge the student's vocabulary. The method used is that of drill and repetition.

## Shorthand II.

M.—F. Winter Term.

The work in the Manual is reviewed and completed during the first few weeks but the text of this term is Gregg Speed Practice, a collection of classified business letters with vocabulary. These letters are written over and over by the student until they can be written with accuracy and speed. Practice in phrase writing and reading is an important feature of the course.

## Shorthand III.

M.—F. Spring Term.

Although many students accept positions at the close of the second term, for those who wish to become more efficient or prepare for special lines of work we offer a third term. More attention will be given in this course to speed and to the technical terms used in the various professions.

## Dictation I.

M. W. F. Winter Term.

This course accompanies Shorthand II. The Dictation book is in the hands of the instructor only and consists of business letters graded to conform to the advancement of the class. These letters are written, transcribed and handed in. All work is inspected by the instructor and the student is given individual help and advice. The emphasis in this course is placed upon the student's ability in reading his own notes. Supplementary work in the reading of well written magazine articles is also a helpful feature. Training is given in the routine work of an ordinary office.

## Dictation II.

T. Th. Spring Term.

Accompanies Shorthand III and continues the work of Dictation I. The dictation matter is taken from such lines of work as the student prefers, as Railroad, Insurance, Civil Service or Court Reporting.

## Business English.

M.—Th. Fall Term.

This is a course in practical applied English. It is not technical grammar nor is it composition. It gives es-

sententials that lead to ready and correct expression of thought. Much attention is paid to the discrimination in the choice of words. The student is not burdened with rules but is given exercises which require original work and prepare him for the correspondence course which follows. A practical text is used.

Correspondence. T. Th. Winter and Spring Terms.

All business men realize the value and importance of a neatly written and well constructed letter and the ability to write such a letter is considered an important qualification of a good stenographer or bookkeeper. This course prepares students to meet this demand by giving practice in the writing of all kinds of business letters according to the latest and best methods. One hour per week is devoted to text book work and one hour to letter writing. The letters are read and criticised in class discussion.

Spelling. M. W. F. Three Terms.

A man may have a good general education and be a poor speller but the stenographer or bookkeeper who cannot spell need not expect to hold a good position. Many business men realize their own deficiency in this line and expect the stenographer or bookkeeper to be authority on the subject. For this reason we require all business students to take spelling during the entire course. A practical text book is used in which the words are defined and applied in sentences. Exercises are also given requiring original work.

## TYPEWRITING

We teach touch typewriting in a thorough systematic manner. The keyboard is first well memorized so that any key may be struck, without raising the eyes from the copy. The student is then ready for the drills and practice as outlined in the "Expert Typewriting"—the manual used throughout the course. The Monarch and Remington

machines are used and are fitted with shields which cover the entire key board and which aid the student in acquiring touch writing. A familiarity with these standard machines prepares the student for the operation of any machine in ordinary use.

### DIPLOMAS AND CERTIFICATES

Students who complete a course including Bookkeeping, Shorthand, Typewriting, Penmanship, Commercial Law, Commercial Arithmetic, Correspondence and Spelling are entitled to a Diploma of Graduation. Certificates will be granted to those who complete either a course in Bookkeeping, Penmanship, Commercial Arithmetic and Commercial Law or Shorthand, Typewriting, Business English, Correspondence and Spelling.

### SUGGESTIVE CURRICULUM

#### Commercial

##### FIRST YEAR

FIRST TERM	SECOND TERM	THIRD TERM
Bookkeeping .....	Bookkeeping .....	Bookkeeping .....
Penmanship .....	Penmanship .....	Penmanship .....
Spelling .....	Spelling .....	Spelling .....
Com. Arithmetic.....	Com. Arithmetic.....	Com. Arithmetic.....
Business English .....	Com. Law .....	Civics.....

#### Stenography

##### SECOND YEAR

Shorthand I.....	Shorthand II.....	Shorthand III.....
Typewriting.....	Typewriting.....	Typewriting.....
Business English.....	Correspondence.....	Correspondence .....
English I.....	English I .....	English I.....
Penmanship.....	Dictation I.....	Dictation II.....

# SUMMER SCHOOL

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## THE FACULTY FOR 1915

JOHN ELLSWORTH HARTZLER,  
President of the College.

PAUL EMMONS WHITMER,  
Dean and Professor of English.

DANIEL S. GERIG,  
Registrar and Professor of German.

JONATHAN MELVIN KURTZ,  
Professor of Physical Sciences.

JOHN E. WINTER,  
Professor of Philosophy and Education.

JESSE STUTZMAN,  
Professor of Botany and Agriculture.

WILLIAM B. WEAVER,  
Instructor in History and Social Science.

JOHN E. WEAVER,  
Instructor in Mathematics.

AMOS S. EBERSOLE,  
Instructor in Voice and Theory.

VERA BATES COFFEEN,  
Instructor in Home Economics.

JOSEPHUS W. SHANK,  
Instructor in Normal Branches.

GLADYS SNAPP,  
Instructor in Home Economics.

MARY S. THORNTON,  
Instructor in Piano.

META E. MARTIN,  
Instructor in Public School Drawing.

BERTHA MACKINZIE  
Instructor in Methods and Observation.

The aim of the school is to place the equipment of the College at the service of those who cannot attend at other times and to meet the needs of the following classes: (a) College students who desire to make advance credits, (b) Common School and High School teachers, and (c) High School students who wish to make credits during the summer months.

The courses are changed from year to year in such a way as to make the work of one summer session continuous with that of the next. This is particularly true of advanced college and normal courses. Students are advised to pursue systematic work extending over several years.

The Seventeenth annual Summer School, to be held June 7 to August 27, 1915, offers the following courses of instruction:

1. Farm Crops ..... Professor Stutzman
2. Horticulture ..... Professor Stutzman
3. General Botany ..... Professor Stutzman
4. Physiology ..... Mr. Shank
5. Introduction to English Literature Professor Whitmer
6. American Literature ..... Professor Whitmer
7. Romantic Poetry ..... Professor Whitmer
8. Academy English Literature ..... Professor Whitmer
9. Beginning German ..... Professor Gerig
10. Reading Course in German ..... Professor Gerig
11. Normal Grammar ..... Professor Gerig
12. English History ..... Mr. Weaver
13. American History ..... Mr. Weaver
14. Academy English History ..... Mr. Weaver
15. Trigonometry ..... Mr. Weaver
16. General Chemistry ..... Professor Kurtz
17. Normal Arithmetic ..... Professor Kurtz
18. Methods and Observation ..... Professor Winter



19. School Management ..... Professor Winter
20. General Psychology ..... Professor Winter
21. Physiography ..... Mr. Shank
22. Geography ..... Professor Kurtz
23. Normal Penmanship ..... Mr. Weaver
24. Commercial Courses ..... Mr. Weaver
25. Shorthand ..... Mr. Weaver
26. Typewriting ..... Mr. Weaver
27. Textiles and Sewing ... Mrs. Coffeen and Miss Snapp
28. Foods and Cooking ... Mrs. Coffeen and Miss Snapp
29. Public School Music ..... Mr. Ebersole
30. Private Lessons in Voice ..... Mr. Ebersole
31. Private Lessons in Piano ..... Miss Thornton
32. Public School Drawing ..... Miss Martin
33. Private Lessons in Art ..... Miss Martin

The next annual session of the Summer School will open June 5, 1916, and will continue twelve weeks. The above outline of courses indicates the range and nature of the work offered each summer. The growth in attendance from summer to summer insures a corresponding expansion of courses in number and variety.

Write for special Summer School Bulletin.

GOSHEN COLLEGE, Goshen, Ind.

# CORRESPONDENCE DEPARTMENT

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The satisfactory completion of the following courses will be credited in the regular departments of Goshen College. Those deprived of school privileges can find practical help by mastering these courses at home. Students can make up extra credits during vacation or when required to be out of school for some time.

- I. Elementary New Testament Greek. Three Terms.  
I. R. Detweiler.

This course is for beginners in N. T. Greek. It presents the essential facts and most elementary principles of the language. It contains memory work in the vocabulary and thorough drills in grammatical forms. There are easy exercises in reading and writing Greek. The student will read John's first epistle and four chapters of his gospel, with other selections, and receive some practical experience in the use of Greek lexicon. The tuition is \$7.50 per term. The main text book is Huddilston's Essentials of New Testament Greek, 75 cents, postpaid. For the third term the following are also needed: Westcott and Hort's New Testament in Greek, \$1.00; and Thayer's Greek-English Lexicon of the New Testament, \$5.00, postpaid.

- IX. Introduction to English Literature. Paul E. Whitmer.

This course is the full equivalent of course IX in residence. It consists of a historical and critical survey of English literature from its beginning to the present time. The work is based on Crawshaw's The Making of English Literature for the historical background and Newcomer and Andrew's Twelve Centuries of English Poetry and Prose for the appreciative study of literary masterpieces. The tuition is \$7.50 per term.

First Term. History and masterpieces of English literature from 700 to 1688.

Second Term. History and masterpieces from 1688 to 1832.

Third Term. History and masterpieces from 1832 to 1900.

#### Latin I.

Ephriam J. Zook

I. First Year Latin (three terms.)—This course offers the full equivalent of the first year's work in Latin as outlined in the resident Academy course. The work of each unit corresponds to the work of one term. The tuition is \$7.50 per term, and the text-book for two years is \$1.00, postpaid.

First Term: Collar and Daniell's First Year Latin to page 91.

Second term: The same text, pages 92 to 170.

Third term: Easy Latin Reading with review of forms and syntax .

#### German II. Three Terms.

Daniel S. Gerig.

This course is outlined to cover fully the amount of work usually done in the second year of resident work. Each term's work may be taken independently of the others. This arrangement will enable students who are in any way deficient in the first two units of modern language to make up the deficiency through correspondence. The tuition is \$7.50 per term and the text-book for the first term is 70 cents postpaid.

#### III. German. Three Terms.

Daniel S. Gerig.

This is primarily a reading course corresponding to course III in residence. It aims at the acquisition of the foundation of idiomatic German on the basis of the language of the works studied. Special attention is given to the literary side of the works as well as to the indivi-

dual merits of the author. Works from Goethe, Schiller, Heyse and Storm form its basis. Each term can be taken independently of the other. Tuition per term, \$7.50. Credit per term, three hours.

IV. German. Prose Composition.

Two Terms.

Daniel S. Gerig.

Through the reproduction of ordinary narrative English into German and by means of original composition, the student is led to appreciate the difference between the idioms of the two languages. The course provides a comprehensive review of grammar and syntax of the language. Tuition per term \$7.50. Credit per term three hours.

#### GENERAL INFORMATION.

The payment of tuition and text books is required with the order. All remittances should be made by bank draft or money order, made payable to the instructor offering the course. The student pays the postage both ways on the recitation papers.

Full directions are given with the lessons so that the student need not be in doubt as to what is expected of him or as to how he is to proceed with his work. He can begin at any time and work as fast or slow as his time or ability will permit for a thorough mastery of the lessons. The time limit for the completion of any one of these courses is one year, after which the student forfeits his right to further correspondence. Further information can be had by writing to the instructors offering the courses.

# GENERAL INFORMATION

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## HISTORY AND ADMINISTRATION

Goshen College had its beginning in the Elkhart Institute, Elkhart, Indiana, in 1895. In 1896 its own building was erected and dedicated. In 1898 the institution was incorporated under the laws of Indiana. In 1901 the Constitution of the Association was amended so as to allow a board of twenty-five instead of nine members. These were distributed throughout the church. In 1901 a committee appointed by this board to secure a more favorable location and a larger campus, selected the present site in the southern part of the city of Goshen, Indiana. Here the school was opened in the rooms of East Hall, September 29, 1903. The Administration Building was dedicated January 8, 1904.

To make the school a church institution the private stockholders donated their shares to a Board of Trustees now known as the Mennonite Board of Education. This Board was organized November 16, 1905. The property was transferred to it in February, 1906. Goshen College is controlled by the Mennonite Board of Education. The business and prudential affairs of Goshen College are managed by an Executive Committee consisting of the President, Dean and five other members appointed annually by the Mennonite Board of Education.

## LOCATION

Goshen is a residential city of ten thousand people located on the main line of the Lake Shore and Michigan Southern Railroad, one hundred and ten miles east of Chicago, and on the Louisville and Benton Harbor branch of the Big Four. The Northern Indiana and Winona interur-

ban railways maintain an hourly service through Goshen to the north, south and west. The Elkhart River, which is noted for its beauty flows through the city and in its valley lies one of the richest farming communities in Northern Indiana. The college campus consists of ten acres of ground located in Parkside, a beautiful suburb of the city. There are no saloons in the city.

### AIM

The aim of Goshen College is expressed by its motto, "Culture for Service". Through culture the student shall develop his life physically, intellectually, socially, morally and spiritually. Due attention is given to each as it is of importance in the life of the true man and woman. Religion is not made incidental in the institution, but is to pervade it in life and spirit. The end and aim of culture is to do, and not simply to be or know.

### CAMPUS AND BUILDINGS

The campus of Goshen College consists of ten acres beautifully located in Goshen College addition to the City of Goshen.

The Administration building is a commodious four story, stone and brick structure. It contains modern well lighted recitation rooms, offices, library, reading room, assembly hall, commercial rooms, gymnasium and cloak rooms.

The new Science Hall is a large four story brick structure built on the most approved lines for the work in general science, agriculture and home economics. The entire building is well lighted and the laboratories are commodious and completely equipped with apparatus for the various lines of work. Aside from laboratories it also contains one lecture room, a number of classrooms, offices, a greenhouse, and museum.

Kulp Hall is a stone and brick building three stories above basement. It contains a students' dining hall,



reception room, Matron's rooms and music studio together with practice rooms. The second and third floors contain rooms for young women. The building is well furnished throughout.

East Hall is a three story frame building. Aside from rooms for young men it has a reception hall and Master's quarters.

These buildings are heated from a central plant. All are supplied with hot and cold water. Both gas and electricity are supplied in all the rooms.

### LIBRARY

The College Library consists of nearly five thousand carefully selected volumes distributed in subject matter among the different departments of instruction and books of general cultural interest. New books are constantly added through a special library fund and also by the Students' Library Association. These agencies have added more than 300 volumes during the year. The library is classified and catalogued according to the Dewey system and has every aid to make it of practical value to the student. The reading room is supplied with daily and weekly periodicals and the most important magazines. During the day the students have free access to the stack room and reference books may be consulted at any time.

The Mennonite Historical Library is a collection of books on Mennonite history and literature. It has been donated to the college by the Alumni Association and private individuals.

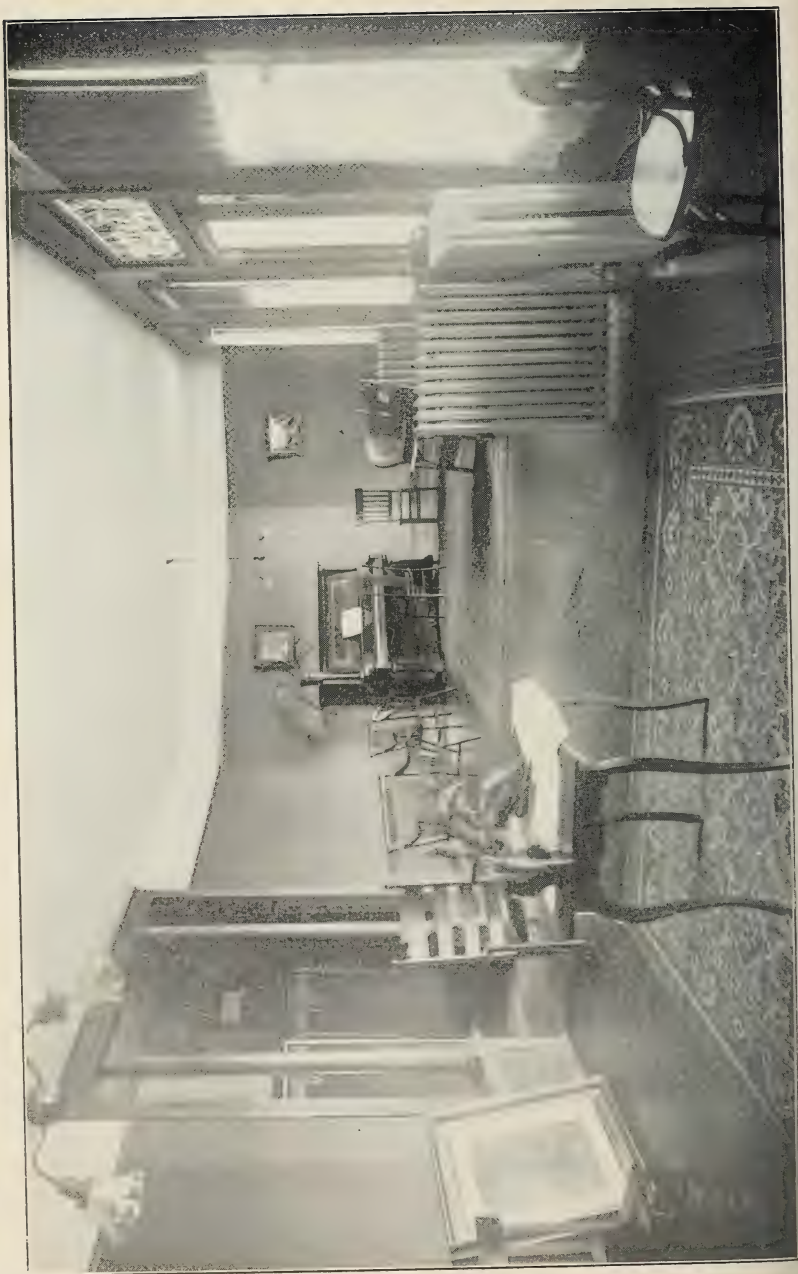
The city of Goshen has a large and well equipped Carnegie Library of 13,000 volumes to which the students have free access.

### THE LABORATORIES

The new Science Hall contains a large number of laboratories with modern equipment for both general and special scientific work.



READING ROOM



RECEPTION ROOM, KULP HALL

**Chemistry.**—The three chemical laboratories located on the third floor are provided with forty individual students' desks for experimental work in general Chemistry, twenty-four in Qualitative Analysis and Organic Chemistry and sixteen in Quantitative Analysis. The desks are fully equipped with gas, water and re-agent bottles. Each laboratory has a number of evaporating hoods. A large supply room adjoining the general laboratory contains the necessary chemical and apparatus supplies.

**Physical.**—The Vesperian Laboratory for Physics and Astronomy also on the third floor is provided with the necessary physical apparatus for both Academy and College work in mechanics, heat, light, sound, electricity and magnetism. It is well supplied with water, gas and electricity. A dark room is equipped for photometry and other experiments in light. A three and one-half inch telescope equatorially mounted and controlled by a modern Gaertner driving clock is used in astronomical work.

**Biological.**—The Biological laboratory in addition to the usual furnishings is equipped with demonstration cases, a rack for insect cases, a large collection of mounted insects, bird skins, vertebrate skeletons, dissections in alcohol, life histories in alcohol, compound microscopes, microscopic slides, charts, models and a human skeleton. There are also a number of books for reference.

**Agricultural.**—The Agricultural Laboratories will be furnished with desks, tables, hoods and other equipment sufficient to accommodate at least fifty persons at one time. Every convenience will be provided for both practical and experimental work. A large green-house adjoins the laboratory to the south which will afford opportunity for experimental work for both summer and winter.

**Dairy Laboratory.**—The Dairy Laboratory will be fully equipped for practical and experimental work in milk testing, separating and butter making. The leading mod-



ern dairy machinery will be placed on the floor by different companies for trial and inspection by the students. A large store room with refrigerator is provided.

**Domestic Science.**—This laboratory will be equipped with the best and most efficient furniture, electric equipment, gas range and plates, cabinets and refrigerator will be installed. A convenient dining room is provided on the same floor where practical experience may be gained.

### MUSEUM

In the Museum, which is on the second floor of the Science Hall, there are exhibited various things of interest such as fossil remains of animals, minerals, oriental costumes, Indian relics. Of especial interest is the India collection which represents more or less completely the life and customs of the central provinces of India. Gifts to the museum are always appreciated, and plans are being made to protect with suitable cases all new material.

### GYMNASIUM

A large room with high ceiling in the basement of the main building is devoted to physical exercise. It is equipped with ladder, spring board, suspended rings, Indian clubs, dumb-bells and other equipment. A bath room with shower baths and dressing rooms adjoin the gymnasium.

### ATHLETIC FIELD

The athletic field contains a sixth-mile track, baseball diamond, and tennis courts. The Elkhart river runs near the College and affords opportunity for skating, rowing and swimming.

### COLLEGE FARM

The college owns a sixty-acre farm in the vicinity. Some students may find employment on it to aid in de-

fraying expenses at school and some of the farm products are used in the college dining hall.

### ARRIVAL OF STUDENTS

Due notice should be given of the time and train on which students arrive, so that they may be met at the depot.

Students should leave their baggage at the depot, take the street car, going west from the depot and ask for a transfer to Goshen College, where arrangements can be made for room and board.

### REGISTRATION

1. On registration day at the beginning of each term every student (both old and new) must obtain in person at the Registrar's office, a registration card.

2. This card the student presents to the Head of the Department in which he desires to enroll.

3. The Head of the Department enters upon this card the subjects desired by the student, except for college Juniors and Seniors, who register with their major professor.

4. The student next presents this card to the several instructors whose courses he wishes to enter and the instructor affixes his signature opposite his course.

5. When each instructor's signature has been obtained, the student, presents the duly signed card at the Business office and settles for tuition and other fees.

6. When a student fails to file this card at the Business office before the close of the opening week of school a fee of fifty cents will be added to the tuition.

7. All accounts are due in advance.



8. All matriculated students who register later than the second day of each term will be charged a fee of one dollar (payable to Registrar on issuing of card) for registration.

9. New students after obtaining a registration card at the office of Registrar, must present themselves at the President's office for matriculation.

10. All students entering the institution for the first time are charged a matriculation fee of one dollar.

### COURSE OF STUDY

This catalog gives a complete outline of the courses of study offered by Goshen College. Any one desiring to begin a particular branch of study should note carefully in the catalog the date on which such branch begins in the regular course. Extra classes may be formed when six or more students desire to take the same study at the same time. Correspondence is invited when any special study is desired.

### CHANGE OF STUDIES

Changes of studies must be authorized by the Head of the Department in which the student is enrolled. Any subject once taken up cannot be dropped without the consent of the Head of the Department in which the student is enrolled.

### EXTRA WORK

Students are not allowed to register for more than the regular number of hours constituting the work of any department without the permission of the Committee on Extra work.

Application for extra hours must be made on special blanks obtained at the Registrar's office and applications

must be handed to the Chairman of the Committee on Extra Work during Registration Days.

When more than one additional hour is taken, additional tuition is charged at the rate of one dollar and twenty-five cents per term hour in the Academy and one dollar and seventy-five cents in the College except in case where extra tuition is already due for the course taken.

### EXAMINATION AND GRADES

Written examinations are given at the end of each term and during the term at the discretion of the instructor. The student's work for the term includes recitation, written work and examinations and is graded as follows: A, B, C, D, E are passing grades; F, may be passed upon another examination; G, Failed.

### REPORTS

A report of each student's work will be sent at the end of each term to the parent or guardian of the student, upon request to the Registrar.

### DIPLOMAS

Diplomas will be given to all students who finish the work outlined in the College, Normal, Academy, Regular Bible, Regular Music, Business courses, on condition that they have been students of the college at least one year.

### CERTIFICATES

Those who have completed the English Bible, Shorthand, Bookkeeping, Stenography, Chorister's Course, Reed Organ, Public School Music Courses, and "A" and "B" Class Normal Course will be given certificates showing the work actually done.

## DISCIPLINE

It is the aim of the Faculty to maintain such discipline as will make it possible for the students to do their best work and form good habits of conduct. The Dean and Preceptress enforce the regulations as outlined by the Committee on Rules and Discipline and try to aid each individual student, by advice and criticism, to cultivate that spirit which seeks not only that which is best and noblest for self, but which has even a greater concern for the highest welfare of every member of the school.

## ROOMS

The young women are required to room at Kulp Hall except when excused by the Preceptress. Modern conveniences and homelike surroundings are features that make it a very desirable home for young women.

The young men may find rooms at East Hall or in approved private homes near the college.

Groups of young men are not permitted to take rooms except in houses in charge of approved matrons.

## RULES

### I. All students are required:

1. To attend chapel every day.
2. To abstain from the use of tobacco, card playing and profane language in the vicinity of the College.

### II. Non-resident students are required:

1. To attend Sunday School and one church service each Lord's day at their regular place of worship.
2. To be at their rooms at 8 p. m. except, (a) on Saturdays, when the time is extended to 10 p. m. (b) when attending church services; (c) when attending meetings at the College, after which services or meetings they shall go immediately to their rooms.

3. Lady students shall not receive gentlemen callers at their rooms.
4. Students shall select rooms from among those approved by the Faculty.
5. Lady and gentlemen students shall not take rooms in the same home.

## STUDENT ORGANIZATIONS

### THE STUDENTS' COUNCIL

In order to facilitate the most helpful relations between the Faculty and student body a Students' Council composed of representatives from the various classes and religious organizations has been organized. This Council represents the students in a sympathetic cooperation with the Faculty in maintaining the best standards of College life and work. We believe that this plan has been the means of securing the feeling of good-will so evident between Faculty and students.

### RELIGIOUS

The Young People's Christian Association, a religious organization of students, doing aggressive Christian work, has the general oversight of the religious work among the students and provides for other legitimate needs of student life.

Devotional meetings which are a source of inspiration and general help to all students, are held every Thursday evening. Frequently Missionary topics are discussed at these meetings and problems of personal religion are often considered. A special effort is made to help students form the habit of regular devotional Bible study and for this purpose Bible classes are organized which meet every Tuesday evening for review of the daily studies. These courses continue throughout the whole of the Academy

and College work and cover much of the Old and New Testament. There are also several classes for the study of home and foreign missions. These meet every Sunday evening for a discussion of the week's studies. By means of these studies the students become familiar with the needs and call of the home and foreign mission field.

Two Mission bands (home and foreign) meet regularly on alternate Sunday mornings of the school year to study systematically the various subjects necessary for a complete knowledge of the home and foreign mission fields. Volunteers for missionary service find these bands a source of great help.

The Association also devotes part of its energy to student work. New students are met at the trains, assisted in finding suitable rooms, and given every possible assistance in beginning their work. An employment bureau makes it possible for students to earn a large part of their expenses.

### LITERARY

Four College and two Academy Literary Societies conducted by students, are in successful operation under the general supervision of the Faculty. They give ample practice for original composition and public speaking.

College.—The Adelpian and Aurora Societies are for the men and Vesperian and Avon Societies for the women of the College Department. They have separate meetings every Monday evening and on Friday evenings they unite their efforts in presenting four public programs each term. These Societies are maintaining high standards in their work.

Academy.—The Ciceronian Society is for the young men of the Academy. It affords good training in logical debate and parliamentary law.

The Philomathian Society is open to all young women of the Academy. It affords opportunities for practice of music, reading and original composition.

Joint meetings open to the public, are held by the Academy Societies on Friday evenings twice a term. Separate meetings are held by each society every Monday.

### STUDENTS' LIBRARY ASSOCIATION

The Students' Library Association is organized for the purpose of adding books to the library established by the Association. The Association draws on the funds of the literary societies for its support, and only members of the literary societies are members of the Students' Library Association.

### STUDENTS' LECTURE ASSOCIATION

The Students Lecture Association is organized for the purpose of conducting a course of lectures for the benefit of the students. The literary societies furnish the necessary funds for the course.

### ORATORICAL ASSOCIATION

The Oratorical Association is composed of students interested in Debating and Oratorical work. The membership is limited to the interclass and intercollegiate debating teams and orators in the Intercollegiate Peace Oratorical Contest.

### CHEMICAL SOCIETY

The Chemical Society meets once each school month to discuss scientific subjects related to Chemistry. Membership is limited to students, professors, and alumni of Goshen College who have done or are pursuing work in Chemistry beyond the first year.



## GOSHEN COLLEGE

## ALUMNI ASSOCIATION

The Alumni Association of Goshen College was organized April 13, 1901. Its object is "to maintain school friendship and a strong school spirit, to further the interests of the institution it represents, and to promote higher education." The Association has an endowment fund, the income of which in the past has been used to purchase books for the Mennonite Historical Library. These books were donated to the College. The collection is one of the most valuable of its kind in America.

## GOSHEN COLLEGE RECORD

The Goshen College Record, the official organ of the College, is a twenty-four page paper published in the interests of Christian education. The paper is published by the Board of Directors, supervised by the Faculty, and edited by a staff selected from the student body. It is the aim of those who publish the paper to make it serve as a medium for literary work, as a means of communication between present and former students, and as an exponent of the general work of the school.

## TEXT BOOKS

Text books are for sale at the College Book Exchange. A limited number of books that will be used the following year will be bought from students by the Exchange.

## PHYSICAL CULTURE

All students are expected to take the regular work in Physical Culture during at least the first year of their attendance. The gymnasium and bath rooms are located in the basement of the main building and the students may use them at any time.

## COLLEGE DINING HALL

It is the purpose of the managers of the College Dining Hall to furnish a plentiful supply of wholesome food at the lowest possible rates. Board in private families can be secured near the College by those who desire such accommodations.

## STUDENTS' SELF HELP

Young people who lack sufficient money to pay all expenses will find many opportunities in Goshen to earn money while attending College. The College gives employment to a number who are doing tutoring, library, janitor or dining room work. All young women desiring to earn money have been able to get work to pay room and board. Young men find places in private homes to earn room and board, or get work on Saturdays as clerks. The College can do very little in securing promises of work before the person arrives. Employers wish to see the applicant before making promises.

## SCHOLARSHIPS

Provisions are made through scholarships, to assist worthy students who are preparing for general mission or church work. During the past year twelve students have received all or part of their tuition from these funds. Students desiring assistance through these scholarships, should make application to the scholarship committee, appointed from the Faculty.

## PRIZES

The firm, Lewis & Jacobs of Goshen offer two prizes of thirty and twenty dollars to be awarded each year to the two students who take first and second rank in scholarship in the School of Agriculture.

## ENDOWMENT FUND AND BENEFITS

The Endowment Fund of Goshen College has become an important factor in meeting the expenses of the school and consists of the obligations of responsible individuals, paying an annual income. Some of these obligations have been paid in full and the money invested. Miscellaneous donations are applied as specified, and at the discretion of the officers of the Faculty and Executive Board.

Several wills have been made recently in favor of Goshen College. In such donations the following form should be used. "I hereby give, devise and bequeath to the Mennonite Board of Education, the sum of ..... Dollars to be used to maintain the ..... Fund of Goshen College, Goshen, Indiana.

# CALENDAR OF PUBLIC EVENTS

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## EDUCATIONAL CONFERENCE

October 13 and 14

### Addresses:

Jacob K. Bixler: Agriculture and Rural Evangelism.

Simon S. Yoder: The Value of Agriculture in Our Elementary Schools.

Anson Groh: The Farmer's Problem in the Soil.

Joseph S. Shoemaker: What Educational Policies Should this Board Adopt?

Samuel F. Coffman: The Bible in the College.

Jonas S. Hartzler: John S. Coffman as an Educator.

Daniel H. Bender: Missionary Education.

Daniel Kauffman: What are the Educational Demands of the Church?

Christian B. Blosser: Science as a Handmaid of Agriculture.

C. L. Coffeen: Line Breeding.

\*December 3—C. Edward Clark Concert Company.

December 15—Philharmonic Concert. "The Messiah".

January 8—Philharmonic Concert.

\*January 21—Lincoln McConnell, lecture, "Dead Lions".

- \*January 22—Maude Ballington Booth, lecture, "Lights and Shadows of Prison Life".
- \*February 4—Estelle Gray Company, recital.
- \*February 11—Thomas Brooks Fletcher, lecture, "The Martyrdom of Fools".
- \*March 17—Wells Watson Ginn, reading, "The Man From Home".
- \*March 26—Strickland W. Gilliland, entertainment lecture, "A Sample Case of Humor".
- April 2—Intercollegiate Debate, Goshen College vs. Mount Morris College.
- April 3—Philharmonic Concert.
- \*April 21—Schildkret Orchestra, concert.
- May 27—Dr. Eugene Davenport, Dean of College of Agriculture, University of Illinois, Dedicatory address, Science Hall.
- May 28—Dr. Dan F. Bradley, Cleveland, Ohio; Commencement address.
- \*In cooperation with Ministerial Association and Public Schools.

# EXPENSES

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All Regular Terms Consist of Twelve Weeks.

## TUITION

### College, Normal and Business

Per week in advance .....	\$ 1.75
Per term, in advance .....	18.00
Per year, in advance .....	50.00

### Academy

Per week, in advance .....	\$ 1.50
Per term, in advance .....	15.00
Per year, in advance .....	42.00

Students taking more than 16 hours (recitations) work in College or 17 in Academy will be charged the following rates:

College, per hour .....	\$ 1.75
Academy, per hour .....	1.25

No tuition, either class or private will be refunded except in case of protracted sickness or by order of the Faculty.

### Special Courses

Special Bible Term, four weeks .....	\$ 5.00
Four hours in Academy, per term .....	7.00
Eight hours in Academy, per term .....	10.00
Five hours in College, per term .....	9.00
Ten hours in College, per term .....	12.00



## Special Fees

Laboratory fee, College, per term credit .....	\$ .75
Laboratory fee, Agriculture, per term credit .....	.50
Matriculation fee .....	1.00
(Paid only on first registration.)	

## BIBLE

Free tuition for those who take the regular Bible Courses as outlined in Catalog.

## MUSIC

All lessons taken privately or in class of two are twice a week. Recitations continue fifty minutes .

Vocal Music, daily, (Free Class).

Chorus daily, (Free Class).

Prices for lessons, per term are:

Piano and Voice..	{ Private .....	24.00
	{ Class of Two .....	\$12.00
Assistant Piano .....		16.00
History, Harmony or Solfeggio, General Class ....		7.50
Introductory Knowledge, General Class .....		5.00
Organ Rent, one interval each day, per term .....		1.25
Piano rent, one interval each day, per term .....		2.00

Children under twelve, Piano twenty minute lessons twice a week, \$9.00, once a week \$5.00.

Students who register in the Music Department may have Academy tuition at \$1.25 per hour and College at \$1.75 per hour.

## Diplomas

Diploma fee, degree .....	\$ 5.00
Diploma fee .....	3.00
Certificate fee .....	1.00

## Board

Per meal, in advance .....	\$ .20
Per week, in advance .....	2.50
Per Term, in advance .....	28.00
Christmas vacation, additional .....	4.00

## Rooms

Per week, in advance .....	\$ 1.00
Per term, in advance .....	12.00

These prices are for furnished rooms in Kulp Hall or East Hall, two in a room, including heat, light, washing and ironing. Those who wish to take rooms alone must add \$2.00 for Fall and Spring terms and \$4.00 for Winter term to above prices.

Each student should bring one comforter, towels and bed linen.

Rooms will be reserved at the dormitory for regular students on receipt of a deposit of \$2.00 to be applied on room rent. On receipt of such deposit rooms will be held one week at the beginning of the term. These deposits will not be refunded and are not transferable.

# SCHEDULE OF LECTURES AND RECITATIONS FOR THE FALL TERM, 1915.

INSTRUCTORS	ROOM	8:00	8:55	9:50	10:40	11:30	11:45	1:15	2:10	3:05
WHITMER	10	English VI and IX		English XII and XVI		CHAPEL		English VII		
GERIG	14		German II	German I	German III and IV			German V and VIII		
ZOOK	21		Latin II	French I	Latin V				Latin I	Latin IV
KURTZ	23	Physics VI and VII	Physics VII	Physics I	Physics Laboratory			Chemistry III	Chemistry Laboratory	Chemistry II
LEHMAN	33	Plane Geometry	Algebra IV		Algebra III				Astronomy	Calculus
DETWILER	20	N. Test. V			O. Test. I N. Test. II			N. Test. IV	N. Test. III	
WINTER	30	Psychology		History of Education					History of Philosophy	
WEAVER	32		Normal Grammar		Economics Sociology			American History		Medieval History
STUTZMAN	23	Farm Crops II	Laboratory		Horticulture I				Soils II	Soils Laboratory
WITMER	23	Zoology II	Zoology Laboratory	Batany II	Botany Laboratory					Animal Husbandry I
EBERSOLE	22						Chorus		Harmony Compos'n	Harmony
HOOLEY	10		Interpre. Reading					English II	English III	English I
SCHROCK	13	Bookkeeping	Shorthand I	Com. Arithmetic	Penmanship			Shorthand II	Dictation I	Correspondence
ASSISTANTS	14		Academy German II	Academy German I	Latin III		Vocal Drill	Algebra		Ancient History
	20			O. Test: Introduction				Origin of the Bible		N. Test. Introduction

SCHEDULE OF LECTURES AND RECITATIONS FOR THE WINTER TERM, 1915-16.

INSTRUCTORS	ROOM	8:00	8:55	9:50	10:40	11:30	11:45	1:15	2:10	3:05
WHITMER	10	English VI and IX		English XII and XVI		CHAPEL		English VII		
GERIG	14		German II	German I	German III and IV			German V and VIII		
ZOOK	21		Latin II	French I	Latin V				Latin I	Latin IV
KURTZ	23	Physics VI and VII	Physics VII	Physics I	Physics Laboratory			Chemistry III	Chemistry Laboratory	Chemistry II
LEHMAN	33	Plane Geometry	Trigonometry		Algebra III				Normal Arithmetic	Calculus
DETWILER	20	N. Test. V			O. Test. I N. Test. II			N. Test IV	N. Test. III	
WINTER	30	Psychology		Principles of Education					History of Philosophy	
WEAVER	32				Economics Sociology			American History		Modern History
STUTZMAN	23	Farm Crops III	Crops Laboratory		Elementary Dairying				Soils III	Soils Laboratory
WITMER	23	Zoology II	Zoology Laboratory	Botany II	Botany Laboratory			Physiology		Soils and Fertility
EBERSOLE	22						Chorus		Harmony Compos n	Harmony
HOOLEY	10		Interpre-Reading					English II	English III	English I
SCHROCK	13	Bookkeeping	Shorthand II	Commercial Arithmetic	Penmanship			Shorthand I	Dictation I	Correspondence
ASSISTANTS	14		Academy German II	Academy German I	Latin III		Vocal Drill	Algebra		Ancient History
	20			O. Test. Introduction				Life of Paul		N. Test. Introduc'n

# SCHEDULE OF LECTURERS AND RECITATIONS FOR THE SPRING TERM, 1916

INSTRUCTORS	ROOM	8:00	8:55	9:50	10:40	11:30	11:45	1:15	2:10	3:05
WHITMER	10	English VI and IX		English XII and XVI		CHAPTER		English VII		
GERIG	14		German II	German I	German III and IV			German V and VIII		
ZOOK	21		Latin II	French I	Latin V				Latin I	Latin IV
KURTZ	23	Physics VI and VII	Physics VII	Physics I	Geography			Chemistry III	Chemistry Lab.	Chemistry II
LEHMAN	33	Plane Geometry	Analytics		Algebra III					Calculus
DETWILER	20	N. Test. V			O. T. I N. T. I			N. Test. IV	N. Test. III	
WINTER	30	Psychology		School Management					Philosophy of Religion	
WEAVER	32				Economics Sociology			American History		19th Cent. History
STUTZMAN	23	Horticulture II			Poultry Husbandry				Soils IV	Soils Laboratory
WITMER	23	Zoology II	Zoology Laboratory	Botany II	Botany Laboratory					Farm Crops I
EBERSOLE	22						Chorus		Harmony Composition	Harmony
HOOLEY	10		Interpre. Reading					English II	English III	English I
SCHROCK	13	Bookkeeping	Shorthand II	Shorthand III	Penmanship			Shorthand I	Dictations I and II	Correspondence Ancient History
ASSISTANTS	14		Academy German II	Academy German I	Latin III		Vocal Drill	Algebra		N. Test. Introduct'n
	20			O. Test. Introduction				Early Church		

# GRADUATES OF 1914

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## DEGREES CONFERRED

### Bachelor of Arts

Banta, Nola ..... Goshen, Ind.

History.

Blosser, Willard Abraham ..... Chicago, Ill.

Biological Sciences.

Johnson, Sylvia Lloyd ..... Baltimore, Md.

Physical Sciences.

Lehman, Esther Mae ..... Bristol, Ind.

Philosophy and Education.

Lehman, Martin Clifford ..... Dhamtari, India

Philosophy and Education.

Shank, Charles Lewis ..... Dhamtari, India

Mathematics.

Troyer, Sana ..... Youngstown, Ohio

German.

Weaver, John E. .... Goshen, Ind.

Mathematics.

Weaver, William B. .... Goshen, Ind.

Philosophy.

Witmer, Samuel ..... Madison, Wis.

Philosophy and Education.

Yoder, Ellen Elizabeth ..... Belle Center, Ohio

English.



## Graduates from Academy

Esch, Benjamin Franklin .....	Washington, Ill.
Ebersole, William Harvey .....	Goshen, Ind.
Gerber, Christopher Jacob .....	Goshen, Ind.
Hershey, Charles Owen .....	Goshen, Ind.
Hoover, Ada Mae .....	Goshen, Ind.
Kline, Winnie May .....	Topeka, Ind.
Landis, William .....	Sterling, Ill.
Miller, Ida Mae .....	Chenoa, Ill.
Mullet, Ella Kathryn .....	Kalona, Iowa
Murphy, Ada Roberta .....	Elkhart, Ind.
Stemen, Robert Montel .....	Goshen, Ind.
Sheline, Gladys Fay .....	New Paris, Ind.
Sommer, Simon .....	Goshen, Ind.
Weaver, Vinora Pearl .....	Goshen, Ind.
Willson, Henry .....	Carver, Mo.

# STUDENT ENROLLMENT 1914-15

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## Graduate Students

Lehman, Martin Clifford, A.B., Goshen, 1914..Dhamtari, India  
Yoder, Anna, A.B., Goshen, 1912 ..... Goshen, Ind.

## UNDERGRADUATE STUDENTS

### COLLEGE

#### Seniors

Allgyer, Jacob Roy ..... West Liberty, Ohio  
Brunk, Clifford Franklin ..... Elida, Ohio  
Detweiler, Margaret ..... Chicago, Ill.  
Duker, Chancey ..... Nappanee, Ind.  
Eby, Aaron Jacob ..... Gap, Pa.  
Hostetler, Lester ..... Sugarcreek, Ohio  
Hershberger, Leo ..... Shipshewana, Ind.  
Kreider, Amos Ebersole ..... Sterling, Ill.  
Miller, Orie ..... Middlebury, Ind.  
Miller, Lita Romaine ..... Goshen, Ind.  
Martin, Martha ..... Greencastle, Pa.  
Rupp, Adam Roth ..... Archbold, Ohio  
Smith Bertram ..... West Liberty, Ohio  
Smucker, Vernon Jonathan ..... Smithville, Ohio  
Yoder, Orus Ray ..... Goshen, Ind.  
Unzicker, Samuel Peter ..... Tuleta, Texas  
Zook, Vesta ..... Chicago, Ill.

#### Juniors

Blauch, Lloyd ..... Aurora, Ohio  
Burkhard, Henry ..... Roseland, Nebr.  
Ebersole, Harry ..... Sterling, Ill.  
Eby, Ida ..... Columbus Grove, Ohio  
Holdeman, Albert ..... Goshen, Ind.  
Hooley, Mary ..... Cable, Ohio  
Kimmel, Emma ..... Goshen, Ind.  
Lehman, Elmer ..... Wakarusa, Ind.  
Meyer, Jacob ..... Sterling, Ohio  
Miller, Louis ..... Wellman, Iowa  
Miller, Jacob ..... Kalona, Iowa

Russell, Elcy .....	Oblong, Ill.
Shank, Fanny .....	Ronk, Pa.
Steiner, Charity .....	Columbus Grove, Ohio
Wenger, Florence .....	Wakarusa, Ind.
Yoder, Nellie .....	Bellefontaine, Ohio
Yoder, Owen .....	Shipshewana, Ind.
Yoder, Solomon .....	Belleville, Pa.

### Sophomores

Byler, Sadie .....	Belleville, Pa.
Blosser, Ruth .....	Rawson, Ohio
Baer, Willis .....	Salwinga, Pa.
Colburn, William .....	Bangor, Mich.
Fletcher, Gladys .....	Elkhart, Ind.
Good, Mary Magdalena .....	Wolftrap, Va.
Gerber, Christopher Jacob .....	Goshen, Ind.
Hartzler, Archie .....	Belleville, Pa.
Lehman, David Elban .....	Columbiana, Ohio
Lantz, Russell .....	Topeka, Ind.
Lehman, Howard .....	North Lima, Ohio
Lefever, Lydia .....	Ronk, Pa.
Murphy, Ada .....	Elkhart, Ind.
Murphy, Ethel .....	Elkhart, Ind.
Nusbaum, John .....	Wakarusa, Ind.
Slabaugh, Jancy Roland .....	Goshen, Ind.
Stoltzfus, William .....	Lima, Ohio
Stoltzfus, Frank .....	Lima, Ohio
Searer, John .....	Wakarusa, Ind.
Senger, Rudy .....	Goshen, Ind.
Suntheimer, Charles .....	Goshen, Ind.
Warye, John .....	Urbana, Ohio
Yoder, Homer .....	Denbigh, Va.
Yoder, Sadie .....	Elkhart, Ind.

### Freshmen

Beck, Rich .....	Goshen, Ind.
Byler, Maud .....	Cable, Ohio
Berkey, Howard .....	Goshen, Ind.
Bender, Harold .....	Elkhart, Ind.
Detweiler, Warren .....	Elkhart, Ind.
Dausman, Elsie .....	Elkhart, Ind.
Ebersole, William Harvey .....	LaJunta, Colo.
Fretz, Joseph .....	Markham, Ont.
Faust, David .....	Covington, Ind.
Gerig, Orie .....	Smithville, Ohio
Hanson, Ernest .....	Goshen, Ind.

## ROSTER OF STUDENTS

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Hesh, Elma .....	Wakarusa, Ind.
Heintzelman, Muriel .....	Goshen, Ind.
Hollingsworth, Gladys .....	Goshen, Ind.
Hershey, Charles .....	La Junta, Colo.
Kauffman, James Norman .....	Dhamtari, India
Krabill, Bertha .....	West Liberty, Ohio
Kistler, Eulah .....	Goshen, Ind.
Lehman, Bernice .....	Nappanee, Ind.
Liechty, Ora .....	Sterling Ohio
Logan, Arthur .....	Goshen, Ind.
Miller, Dwight .....	Fentress, Va.
Metzler, Mabel .....	North Lima, Ohio
Slabaugh, John .....	Goshen, Ind.
Stahley, Charles .....	Middlebury, Ind.
Showalter, John .....	Harrisonburg, Va.
Smucker, Jesse .....	Smithville, Ohio
Sommer, Simon .....	Goshen, Ind.
Swart, Edna .....	New Paris, Ind.
Stemen, Robert .....	Lima, Ohio
Roose, Galen .....	Nappanee, Ind.
Taylor, Jane .....	Goshen, Ind.
Thornton, Clark .....	Elkhart, Ind.
Wallgren, Douglas .....	Goshen, Ind.
Warye, Alma .....	West Liberty, Ohio
Woodford, Harry .....	Goshen, Ind.
Weaver, Vinora Pearl .....	Middlebury, Ind.
Yoder, Dwight .....	Goshen, Ind.
Zollinger, Paul .....	Goshen, Ind.

## NORMAL

Craig, Frances .....	South Bend, Ind.
Garber, Vinetta .....	Goshen, Ind.
Christenson, Lillian .....	South Bend, Ind.
Babb, Walter .....	Goshen, Ind.
Berry, Helen .....	Goshen, Ind.
Blough, Elsie .....	Middlebury, Ind.
Bontrager, Amos .....	Middlebury, Ind.
Betz, Fred .....	South Bend, Ind.
Bender, Ermal .....	Albion, Ind.
Blake, Dolly .....	Topeka, Ind.
Bowman, Jessie .....	Topeka, Ind.
Kline, Bertha .....	Gary, Ind.
Kauffman, Bernice .....	Topeka, Ind.
Miller, Valeria .....	South Bend, Ind.
Markham, Hazel .....	South Bend, Ind.
Hartzler, Dana .....	Topeka, Ind.
Horner, Anson .....	Greentown, Ind.

Horner, John Wesley .....	Greentown, Ind.
Ream, Edith Alice .....	South Bend, Ind.
Stahley, Charles .....	Middlebury, Ind.
Stark, Dorothy .....	Elkhart, Ind.
Skusa, Leona .....	South Bend, Ind.
Weimer, Ethel .....	Milford, Ind.
Wallace, Charles .....	Goshen, Ind.
Yoder, Martha .....	Topeka, Ind.
Yoder, Mabel .....	Shipshewana, Ind.

## ACADEMY

## Fourth Year

Beery, Lola .....	Columbus Grove, Ohio
Blosser, Paul .....	Rawson, Ohio
Brunk, Walter .....	Elida, Ohio
Brunk, Lewis .....	Elida, Ohio
Brunk, Joseph .....	Denbigh, Va.
Dausman, Pearl .....	New Paris, Ind.
Eby, H. Elmer .....	Lancaster, Pa.
Hess, Zura .....	Goshen, Ind.
Hire, Merrill .....	Ligioner, Ind.
Hallman, Clemens .....	Goshen, Ind.
Kaser, Clement .....	New Paris, Ind.
Kennel, Mabel .....	Goshen, Ind.
Landis, Florence .....	Goshen, Ind.
Oswald, Walter .....	Charm, Ohio
Reed, Hannah .....	Goshen, Ind.
Rickert, Isaiah .....	Columbiana, Ohio
Snyder, Abel .....	Hespeler, Ont.
Schrock, Anola .....	Goshen, Ind.
Smoker, Esther .....	Goshen, Ind.
Stump, George .....	New Paris, Ind.
Unzicker, Mabel .....	Goshen, Ind.
Wogoman, Owen .....	Goshen, Ind.

## Third Year

Bare, Eva .....	Calla, Ohio
Bauman, Norman .....	Elmira, Ont.
Blough, Samuel .....	Middlebury, Ind.
Culp, Myron .....	Goshen, Ind.
Friesner, Cleone .....	Goshen, Ind.
Grabill, Cordelia .....	Goshen, Ind.
Geyer, Howard .....	Millersburg, Ind.
Hoover, Lewis .....	Goshen, Ind.
Hostetler, Grace .....	Elkhart, Ind.
Hostetler, Daniel .....	Baltic, Ohio

Kaser, Carl .....	New Paris, Ind.
Miller, Maude .....	Garden City, Mo.
Nunemaker, Harvey .....	Sterling, Ill.
Pletcher, Menno .....	Goshen, Ind.
Russell, Rosa .....	Oblong, Ill.
Reed, Esther .....	Goshen, Ind.
Strycker, Jess .....	New Paris, Ind.
Stutzman, Maurice .....	Goshen, Ind.
Varns, Clarence .....	Middlebury, Ind.
Zeigler, Jacob .....	North Lima, Ohio

### Second Year

Arnold, Cecelia .....	New Paris, Ind.
Byler, Irl .....	Hesston, Kans.
Bauman, Norman .....	Elmira, Ont.
Frey, Anna Elizabeth .....	Sterling, Ill.
Gardner, Prudence .....	Goshen, Ind.
Grabill, Clara .....	Goshen, Ind.
Gerber, Paul .....	Goshen, Ind.
Good, Mary .....	Elida, Ohio
Hess, Dale .....	Goshen, Ind.
Miller, Minerva .....	Maximo, Ohio
Miller, Vesta .....	Shanesville, Ohio
Ramseyer, Nancy .....	New Hamburg, Ont.
Strycker, Grace .....	New Paris, Ind.
Speicher, Sadie .....	New Castle, Pa.
Shoup, Ella .....	Columbiana, Ohio
Shantz, Sadie .....	Cullom, Ill.
Snyder, Daniel .....	Roseland, Nebr.
Wengerd, Amelia .....	Millersburg, Ohio

### First Year

Buzzard, Mearl .....	Goshen, Ind.
Brothers, Walter .....	Goshen, Ind.
Bontrager, Gertrude .....	Goshen, Ind.
Bontrager, Ferne .....	Goshen, Ind.
Bauman, Isaiah .....	Floradale, Ont.
Berkey, Floyd .....	Syracuse, Ind.
Fisher, Margaret .....	New Paris, Ind.
Horner, Ruth .....	Middlebury, Ind.
Hess, Miriam .....	Goshen, Ind.
Hallman, George .....	Goshen, Ind.
Hoover, Viola .....	Goshen, Ind.
Juday, Dale .....	Benton, Ind.
Kauffman, Nellie .....	Middlebury, Ind.
Kennel, Gladys .....	Goshen, Ind.
Myers, Roy .....	Goshen, Ind.



McCulloh, Pearl .....	Morrison, Ill.
Pletcher, Samuel Miles .....	Goshen, Ind.
Slagel, Arthur .....	Flanagan, Ill.
Schertz, Raymond .....	Metamora, Ill.
Snyder, Alice Rebecca .....	Roseland, Neb.
Stemen, Clifford .....	Lima, Ohio
Showalter, Amos .....	Conway, Kans.
Shantz, Earl .....	Cullom, Ill.
Snyder, Martha .....	Preston, Ont.
Sommer, Ida .....	Dalton, Ohio
Unzicker, Paul .....	Goshen, Ind.
Unzicker, Leslie .....	Goshen, Ind.
Vance, Luther .....	Millersburg, Ind.
Wambold, Pearl .....	Goshen, Ind.
Weber, Lewis .....	Waterloo, Ont.
Yoder, Mamie .....	Columbiana, Ohio
Yoder, Floyd .....	Goshen, Ind.
Yoder, Gola .....	Elkhart, Ind.

## MUSIC

Bontrager, Alma .....	Sturgis, Mich.
Brenneman, Orpha .....	Goshen, Ind.
Bechtel, Bernice .....	Goshen, Ind.
Bechtel, Nelson .....	Hespeler, Ont.
Clayton, Ethel .....	New Paris, Ind.
Callander, Henry .....	Syracuse, Ind.
Deardorff, Mrs. Margaret .....	Goshen, Ind.
Fitch, Ethel .....	Goshen, Ind.
Garber, Arvilla .....	Goshen, Ind.
Gerig, Daniel, Jr. ....	Goshen, Ind.
Hartzler, Frank .....	West Liberty, Ohio
Harwood, Gladys .....	Goshen, Ind.
Hatch, Mrs. W. Ray .....	Goshen, Ind.
Hartzler, Mrs. J. E. ....	Goshen, Ind.
Landgreaver, Harriett .....	Goshen, Ind.
Lantz, Fern .....	Topeka, Ind.
Lantz, Russell .....	Topeka, Ind.
Maloney, Bertha Mae .....	Albion, Ind.
Miller, Edith .....	Goshen, Ind.
Miller, Maude .....	Garden City, Mo.
McCumsey, Louise .....	Goshen, Ind.
Metzler, Mary .....	North Lima, Ohio
Neff, Florence .....	New Paris, Ind.
Rummel, Madge .....	Goshen, Ind.
Thornton, Mary .....	Elkhart, Ind.
West, Enid Muriel .....	Goshen, Ind.
Weaver, Elenora Kauffman .....	Goshen, Ind.

Weldy, Arthur .....	Wakarusa, Ind.
Yoder, Minnie .....	Goshen, Ind.
Yoder, Anna .....	Goshen, Ind.
Zook, Mrs. E. J. ....	Goshen, Ind.

### BUSINESS

Baumgardner, Nell .....	Goshen, Ind.
Baker, Delsey .....	Goshen, Ind.
Bachman, Solomon .....	Cazenovia, Ill.
Berkey, Floyd .....	Syracuse, Ind.
Cripe, Hazel .....	Goshen, Ind.
Deter, Ezra .....	Morrison, Ind.
Dykstra, John .....	Goshen, Ind.
Dresch, LaVerne .....	Fort Wayne, Ind.
Ganger, Sarah Lucile .....	Goshen, Ind.
Hess, Hazel .....	Kimmel, Ind.
Kauffman, Emma .....	Goshen, Ind.
Kistler, Eulah .....	Goshen, Ind.
Kulp, Florence .....	Elkhart, Ind.
Kulp, Beatrice .....	Goshen, Ind.
Lehman, Addie .....	Goshen, Ind.
Miller, Ernest .....	Middlebury, Ind.
Neff, Clarence .....	New Paris, Ind.
Neff, Ralph .....	Milford, Ind.
Nunemaker, Carl .....	Wakarusa, Ind.
Nusbaum, Erving .....	Middlebury, Ind.
Reynolds, Wayne .....	Elkhart, Ind.
Rood, Ralph .....	Goshen, Ind.
Renbarger, Carlton .....	Goshen, Ind.
Riddenouree, Mazie .....	Goshen, Ind.
Sheets, George .....	Nappanee, Ind.
Stahley, Mary .....	Goshen, Ind.
Stahley, Elizabeth .....	Goshen, Ind.
Sloat, Mabel .....	Nappanee, Ind.
Thornton Floyd .....	Elkhart, Ind.
Vance, Franklin .....	Goshen, Ind.
Wideman, Charles .....	Goshen, Ind.
Weaver, Madge .....	Goshen, Ind.

### BIBLE

Birkey, Leah .....	Strang, Nebr.
Bauman, Isaiah .....	Floradale, Ont.
Brunk, Mrs. Alice .....	Goshen, Ind.
Birkey, Barbara .....	Delevan, Ill.
Christophel, Anna .....	Nappanee, Ind.
Garber, Pearl .....	Comins, Mich.
Garber, Leander .....	Fairview, Mich.

Kauffman, Mrs. J. N. ....	Dhamtari, India
Lantz, Nora ....	Topeka, Ind.
Miller, Edna ....	Goshen, Ind.
Miller, Laura ....	Goshen, Ind.
Moser, Noah ....	Berne, Ind.
Nafziger, Clara ....	Hopedale, Ill.
Nafziger, Leah ....	Hopedale, Ill.
Nunemaker, Sadie ....	Wakarusa, Ind.
Roth, John ....	Morton, Ill.
Shaum, Warren ....	Wakarusa, Ind.
Schmucker, Simon ....	Nappanee, Ind.
Shantz, Linda ....	Berlin, Ont.
Shantz, Fannie ....	Elkhart, Ind.
Weldy, Nora ....	Wakarusa, Ind.
Wolber, Alvin ....	Deer Creek, Ill.
Yoder, Velma ....	Topeka, Ind.
Yoder, Vera ....	Topeka, Ind.
Zehr, Tillie ....	Danvers, Ill.

## SUMMER SCHOOL

Arnold, Cecelia ....	New Paris, Ind.
Banta, Nola ....	Goshen, Ind.
Berlin, Flossa ....	Goshen, Ind.
Brenneman, Milton ....	Kalona, Iowa
Bushong, Guy ....	Syracuse, Ind.
Blake, Margaret ....	Goshen, Ind.
Brunk, Joseph ....	Denbigh, Va.
Bryner, Fred ....	Goshen, Ind.
Bender, Ermal ....	Albion, Ind.
Barbier, Leah ....	Granger, Ind.
Beery, Lola ....	Columbus Grove, Ohio
Bemenderfer, Elizabeth ....	Goshen, Ind.
Baker, Madge ....	Goshen, Ind.
Baer, Martin ....	Shippshewana, Ind.
Blough, Floyd ....	Goshen, Ind.
Brunk, Mrs. Alice ....	Denbigh, Va.
Brenneman, Naomi ....	Goshen, Ind.
Brenneman, Orpha ....	Goshen, Ind.
Bontrager, Joanna ....	Goshen, Ind.
Babb, Walter ....	Goshen, Ind.
Baker, Ada ....	South Bend, Ind.
Blake, Dolly ....	Topeka, Ind.
Cline, Esther ....	Goshen, Ind.
Culp, Roscoe ....	Wakarusa, Ind.
Culp, Lottie ....	Millersburg, Ind.
Detweiler, Calvin ....	Goshen, Ind.
Dausman, Elsie ....	Elkhart, Ind.

Duby, Mildred .....	South Bend, Ind.
Dausman, Pearl .....	Goshen, Ind.
Davis, Maurine .....	Shipshewana, Ind.
Dintaman, Jay .....	Wakarusa, Ind.
Deardorff, Lilly .....	Wolf Lake, Ind.
Esch, Mrs. Benjamin .....	Washington, Ill.
Esch, Benjamin .....	Washington, Ill.
Ehret, Ona. ....	Elkhart, Ind.
Eby, Ida .....	Columbus Grove, Ohio
Ebersole, Emma .....	Dixon, Ill.
Eby, H. Elmer .....	Lancaster, Pa.
Freyberg, Ruth .....	Goshen, Ind.
Frick, Burdett .....	Wawaka, Ind.
Fitch, Ethel .....	Goshen, Ind.
Fischer, Winona Lucile .....	Bristol, Ind.
Foster, Ruth .....	Wolf Lake, Ind.
Frey, Anna .....	Sterling, Ill.
Finch, Bertha .....	South Bend, Ind.
Filstrup, Laura .....	South Bend, Ind.
Firestone, Clell .....	Goshen, Ind.
Gardner, Prudence .....	Bristol, Ind.
Grabill, Amelia .....	Goshen, Ind.
Grabill, Clara .....	Goshen, Ind.
Ganger, Sarah Lucile .....	Goshen, Ind.
Gerber, Paul .....	Goshen, Ind.
Gerber, Christopher .....	Goshen, Ind.
Gray, Veva .....	Wolf Lake, Ind.
Huffman, Nellie .....	Elkhart, Ind.
Heintzelman, Lillian .....	Goshen, Ind.
Hooley, Mabel .....	Cable, Ohio
Hire, Scott .....	Syracuse, Ind.
Hossler, Vida .....	Nappanee, Ind.
Hartsough, Ivan .....	Nappanee, Ind.
Hahn, Edward .....	Wakarusa, Ind.
Hoover, Ada Mae .....	Goshen, Ind.
Horner, Anson Gabriel .....	Greentown, Ind.
Hartzler, Hazel .....	Goshen, Ind.
Hawks, Evelyn W. ....	Goshen, Ind.
Hill, Gertrude .....	Goshen, Ind.
Hudson, Helen .....	Goshen, Ind.
Hudson, Robert .....	Goshen, Ind.
Huffman, Grace .....	South Bend, Ind.
Hallman, Clemens .....	Goshen, Ind.
Johnson, Sylvia .....	Masontown, Pa.
Krabill, Gladys .....	West Liberty, Ohio
Kaufman, Jacob Walter .....	Johnstown, Pa.
Kline, Winnie .....	Elkhart, Ind.
Kern, Georgia .....	Elkhart, Ind.
Kistler, Georgia .....	Goshen, Ind.

Kreider, Amos .....	Sterling, Ill.
Kistler, Eulah .....	Goshen, Ind.
King, Susie .....	Amboy, Ind.
Kaufman, James Norman .....	Dhamtari, India
Korn, Jeanette .....	South Bend, Ind.
Kimmel, Emma .....	Goshen, Ind.
Lehman, Elmer Ernest .....	Wakarusa, Ind.
Landis, William .....	Sterling, Ill.
Lantz, Fern .....	Goshen, Ind.
Lehman, Esther .....	Columbiana, Ohio
Lindsey, Addie .....	Wolf Lake, Ind.
Murphy, Ethel .....	Elkhart, Ind.
Mullet, Ella .....	Nappanee, Ind.
Mock, Virgil .....	Syracuse, Ind.
Miller, Ida May .....	Middlebury, Ind.
Myers, Jessie .....	Brimfield, Ind.
Miller, Vesta .....	Shanesville, Ohio
Miller, Trueman .....	Middlebury, Ind.
Miller, Ralph .....	Nappanee, Ind.
Miller, Ernest .....	Middlebury, Ind.
Marble, Jessie .....	South Bend, Ind.
Martin, Helen .....	Elkhart, Ind.
Malony, Bertha Mae .....	Albion, Ind.
Miller, Lita .....	Goshen, Ind.
Martin, Meta .....	Elkhart, Ind.
Miller, Orie .....	Middlebury, Ind.
McCoy, Esther .....	South Bend, Ind.
McCarty, Agnes .....	Brimfield, Ind.
Meyer, Jacob .....	Sterling, Ohio
Neff, Zerola .....	New Paris, Ind.
Oswald, Walter .....	Charm, Ohio
Prough, John .....	Shipshewana, Ind.
Pickerell, Jacob Elbert .....	Middlebury, Ind.
Proudfit, Grace .....	Osceola, Ind.
Reed, Charles .....	Goshen, Ind.
Roach, Hazel Myrtle .....	Ligonier, Ind.
Rehm, Carl Alfred .....	White Pigeon, Mich.
Rupp, Adam .....	Archbold, Ohio
Smith, Bert .....	West Liberty, Ohio
Steiner, Charity .....	Columbus Grove, Ohio
Stiffler, Orlan .....	Syracuse, Ind.
Smith, Ernest .....	Cromwell, Ind.
Strycker, Ora .....	Nappanee, Ind.
Starbuck, Lucile .....	Goshen, Ind.
Stauffer, Galen .....	Goshen, Ind.
Sarjent, Mary .....	Syracuse, Ind.
Strieby, Marie .....	Syracuse, Ind.
Strycker, Grace .....	New Paris, Ind.

## ROSTER OF STUDENTS

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Stauffer, Cora .....	Aldersyde, Alta
Stutzman, Jonathan .....	Middlebury, Ind.
Stutsman, Pearl .....	Goshen, Ind.
Slabaugh, Jancy Roland .....	Greentown, Ind.
Shoup, Ella .....	Columbiana, Ohio
Schott, Esther .....	South Bend, Ind.
Sunthimer, Charles Frederick .....	Shipshewana, Ind.
Seymour, Mildred .....	Wawaka, Ind.
Snyder, Abel .....	Hespeler, Ont.
Strycker, Willie .....	New Paris, Ind.
Stiver, Ora .....	Goshen, Ind.
Stuckman, Edgar .....	New Paris, Ind.
Sloat, Mabel .....	Nappanee, Ind.
Thompson, Fern .....	Goshen, Ind.
Troyer, Sana .....	West Liberty, Ohio
Tharp, Effie .....	Elkhart, Ind.
Unzicker, Samuel .....	Tuleta, Texas
Violett, Anna .....	Goshen, Ind.
Wayer, Mrs. Nora .....	Goshen, Ind.
Woodford, Donnita .....	Goshen, Ind.
Weaver, Mildred .....	South Bend, Ind.
Willson, Henry .....	Carver, Mo.
Weimer, Ethel .....	Milford, Ind.
Wagner, Lizzie .....	North Manchester, Ind.
Witmer, Alice Cleo .....	Wakarusa, Ind.
Warstler, Hugh .....	Syracuse, Ind.
Wilkinsin, Ethel .....	Ligonier, Ind.
Weaver, Grace .....	Osceola, Ind.
Yant, Wilma .....	Goshen, Ind.
Yoder, Ervin .....	Middlebury, Ind.
Yoder, Dwight B. ....	Goshen, Ind.
Yoder, Mrs. Wesley .....	Middlebury, Ind.
Yoder, Wesley .....	Middlebury, Ind.
Yoder, Owen .....	Shipshewana, Ind.
Yoder, Ray .....	Wakarusa, Ind.
Yoder, Floyd .....	Shipshewana, Ind.
Yoder, Minnie .....	Goshen, Ind.
Zeigler, Hazel .....	Goshen, Ind.
Zuck, Elsie .....	Hawkinsville, N. Y.

## CORRESPONDENCE

Alger, John .....	Broadway, Va.
Bauman, Ada .....	Elmira, Ont.
Galle, W. R. ....	Moundridge, Kans.
Gerber, Elias .....	Applecreek, Ohio
Krabill, Gladys .....	Bellefontaine, Ohio
Lehman, Anna .....	Peabody, Kans.



Miller, Ida .....	Chenoc, Ill.
Miller, Trueman .....	Parnell, Iowa
Pletcher, Clifford .....	Wakarusa, Ind.
Yoder, Owen .....	Expansion N. Dak.

## SUMMARY OF DEPARTMENTS

Graduate Students .....	2
College .....	100
Normal .....	26
Academy .....	95
Music .....	31
Business .....	32
Bible .....	26
Summer School .....	165
Correspondence .....	10
Total .....	482

## ENROLLMENT BY STATES

Indiana .....	298
Ohio .....	50
Illinois .....	24
Pennsylvania .....	10
Ontario .....	12
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India .....	3
Iowa .....	3
Missouri .....	3
Colorado .....	2
Texas .....	1
New York .....	1
North Dakota .....	1
Alberta .....	1
Total, no name counted twice .....	428

# ALUMNI ASSOCIATION

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Organized 1901—Incorporated 1911

## Officers

Jonathan M. Kurtz .....	President
Samuel Burkhard .....	First Vice-President
Ben F. Esch .....	Second Vice-President
Miss Anna Yoder .....	Recording Secretary
John E. Weaver .....	Treasurer
Mrs. Arthur L. Gilliom .....	Historian

## Executive Committee

Jonathan M. Kurtz	Samuel E. Zook	J. E. Weaver
Anna Yoder	Frank S. Ebersole	

## Board of Directors

Term Expires in 1915

Guy H. Rutt	Walter B. Christophel	Harvey L. Stump
-------------	-----------------------	-----------------

Miss Anna Yoder

Term Expires in 1916

Orie C. Yoder	J. Frank Ebersole	Samuel Burkhard
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Vernon C. Culp

Term Expires in 1917

Jonathan M. Kurtz      J. E. Weaver      Frank S. Ebersole

Mrs. Samuel Burkhard

Chicago (Branch) Alumni Association, Organized Nov. '06

Margaret Detweiler ..... President

Dr. Peter D. Sommer ..... Vice-President

Vesta Zook ..... Secretary-Treasurer

India (Branch) Alumni Association, Organized Feb. '13

George J. Lapp ..... President

Aldine C. Brunk ..... Vice-President

L. Ellen Schertz ..... Secretary-Treasurer

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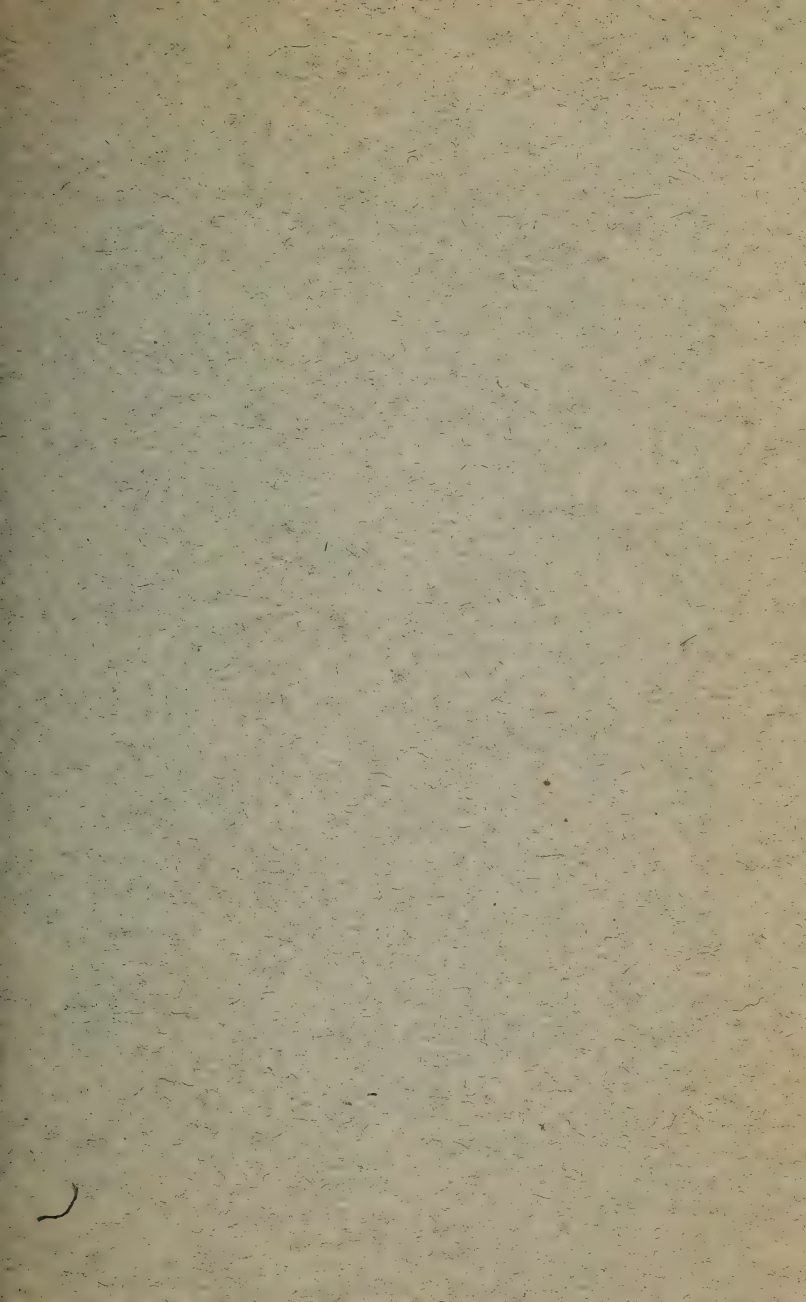
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Volume XII

MAY 1917

Number 11

# BULLETIN

—OF—

# GOSHEN COLLEGE



UNIVERSITY OF INDIANA

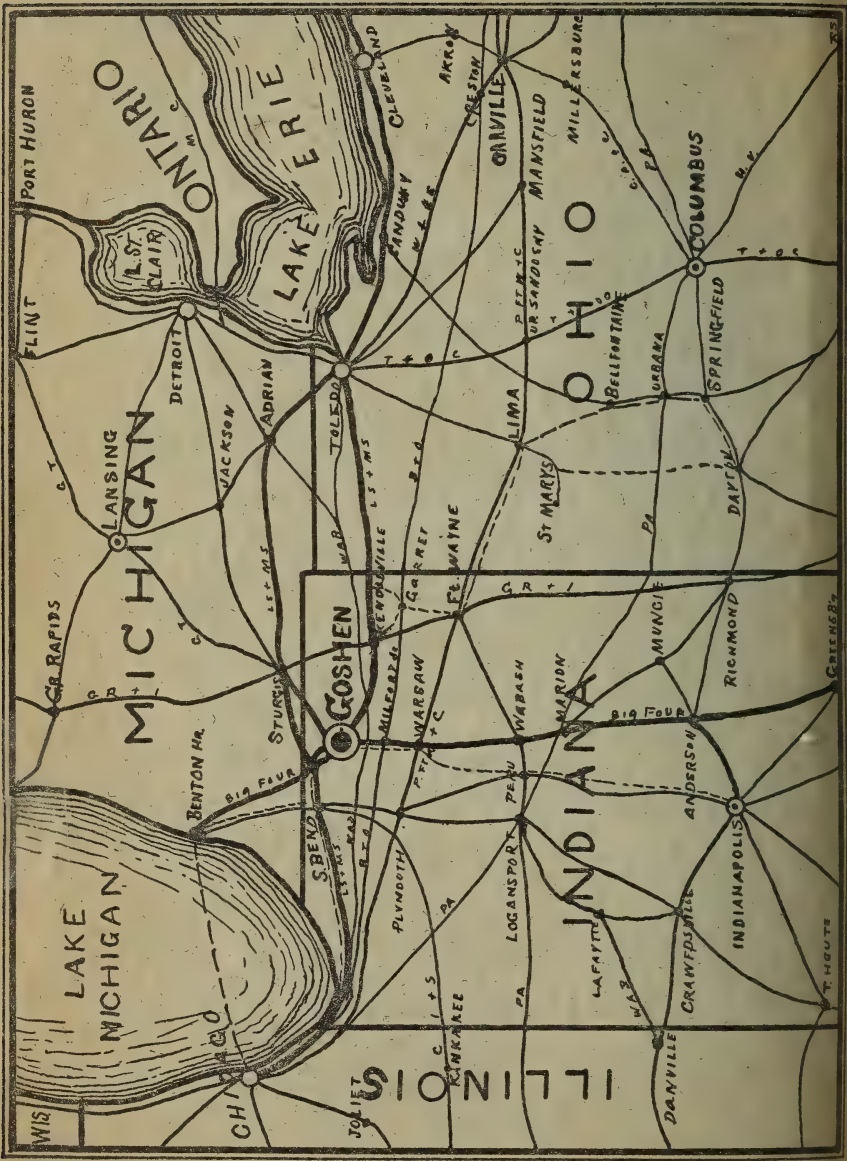
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GOSHEN, INDIANA



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# GOSHEN COLLEGE



GOSHEN, - INDIANA

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ANNOUNCEMENTS

FOR

1917—1918

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*Entered as second-class matter February 22, 1906, at the postoffice at  
Goshen, Ind., under act of Congress of July 16, 1904.  
Issued six times per year.*



# CALENDAR

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## 1917

Baccalaureate Sermon .....	June 3
Music Program .....	June 5
Alumni Day .....	June 6
Class Day .....	June 7
Commencement Day .....	June 8
Summer School Opens .....	June 11
Mid-Summer School (six weeks) .....	July 16
Summer School Closes .....	August 24
Fall Term Opens, Wednesday 8 A.M.....	September 26
Thanksgiving Vacation .....	November 29-30
Fall Term Closes, Thursday, 12 M. ....	December 20

## 1918

Winter Term Opens .....	January 2
Special Bible Term Opens .....	January 2
Special Bible Term Closes .....	February 13
Winter Term Closes .....	March 15
Spring Term Opens .....	March 18
Mid-Spring Term Opens .....	April 29
Peace Day .....	May 18
Baccalaureate Sermon .....	June 2
Music Program .....	June 4
Alumni Day .....	June 5
Class Day .....	June 6
Commencement Day .....	June 7
Summer School Opens .....	June 10
Summer School Closes .....	August 23
Fall Term Opens .....	September 25
Fall Term Closes .....	December 20

# CALENDAR

1917

1918

1918

S M T W T F S	S M T W T F S	S M T W T F S
<b>SEPTEMBER</b> <div>1</div> <div>2 3 4 5 6 7 8</div> <div>9 10 11 12 13 14 15</div> <div>16 17 18 19 20 21 22</div> <div>23 24 25 26 27 28 29</div> <div>30</div>	<b>JANUARY</b> <div>1 2 3 4 5</div> <div>6 7 8 9 10 11 12</div> <div>13 14 15 16 17 18 19</div> <div>20 21 22 23 24 25 26</div> <div>27 28 29 30 31</div>	<b>MAY</b> <div>1 2 3 4</div> <div>5 6 7 8 9 10 11</div> <div>12 13 14 15 16 17 18</div> <div>19 20 21 22 23 24 25</div> <div>26 27 28 29 30 31</div>
<b>OCTOBER</b> <div>1 2 3 4 5 6</div> <div>7 8 9 10 11 12 13</div> <div>14 15 16 17 18 19 20</div> <div>21 22 23 24 25 26 27</div> <div>28 29 30 31</div>	<b>FEBRUARY</b> <div>1 2</div> <div>3 4 5 6 7 8 9</div> <div>10 11 12 13 14 15 16</div> <div>17 18 19 20 21 22 23</div> <div>24 25 26 27 28</div>	<b>JUNE</b> <div>1</div> <div>2 3 4 5 6 7 8</div> <div>9 10 11 12 13 14 15</div> <div>16 17 18 19 20 21 22</div> <div>23 24 25 26 27 28 29</div> <div>30</div>
<b>NOVEMBER</b> <div>1 2 3</div> <div>4 5 6 7 8 9 10</div> <div>11 12 13 14 15 16 17</div> <div>18 19 20 21 22 23 24</div> <div>25 26 27 28 29 30</div>	<b>MARCH</b> <div>1 2</div> <div>3 4 5 6 7 8 9</div> <div>10 11 12 13 14 15 16</div> <div>17 18 19 20 21 22 23</div> <div>24 25 26 27 28 29 30</div> <div>31</div>	<b>JULY</b> <div>1 2 3 4 5 6</div> <div>7 8 9 10 11 12 13</div> <div>14 15 16 17 18 19 20</div> <div>21 22 23 24 25 26 27</div> <div>28 29 30 31</div>
<b>DECEMBER</b> <div>1</div> <div>2 3 4 5 6 7 8</div> <div>9 10 11 12 13 14 15</div> <div>16 17 18 19 20 21 22</div> <div>23 24 25 26 27 28 29</div> <div>30 31</div>	<b>APRIL</b> <div>1 2 3 4 5 6</div> <div>7 8 9 10 11 12 13</div> <div>14 15 16 17 18 19 20</div> <div>21 22 23 24 25 26 27</div> <div>28 29 30</div>	<b>AUGUST</b> <div>1 2 3</div> <div>4 5 6 7 8 9 10</div> <div>11 12 13 14 15 16 17</div> <div>18 19 20 21 22 23 24</div> <div>25 26 27 28 29 30 31</div>

# CORPORATION

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## MENNONITE BOARD OF EDUCATION

H. F. Reist, President .....	Scottdale, Pa.
D. G. Lapp, Vice President .....	Roseland, Nebr.
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John Blosser .....	Rawson, Ohio
A. L. Hess .....	Hesston, Kans.
I. R. Detweiler .....	Goshen, Ind.
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Steven Yoder .....	Inman, Kans.
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D. H. Bender .....	Hesston, Kans.
T. M. Erb .....	Hesston, Kans.

## STANDING COMMITTEES OF THE BOARD

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J. S. Hartzler		Sanford Yoder

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### Auditing

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	A. R. Zook	

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## COMMITTEES FOR GOSHEN COLLEGE

### Executive

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W. H. Haarer	L. S. Nafziger	F. S. Ebersole
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### Religious Welfare

Daniel Kauffman, Chairman

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### Auditing

F. S. Ebersole, Chairman

John E. Weaver	L. S. Nafziger
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# FACULTY

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## **JOHN E. HARTZLER, A.B., D.B., President.**

Student, McCormick Theological Seminary, 1907-1909; A.B., Goshen College, 1910; D.B., Union Theological Seminary, 1910; ordained minister, 1904; Pastor Prairie Street Mennonite Church, Elkhart, Indiana, 1910-13; Instructor, Special Bible Term, Goshen College, 1910-11; Dean of Bible School and Professor of Bible, 1912; President, 1913-

## **DANIEL S. GERIG, A.B., Acting Dean and Registrar.**

Student, Smithville Normal School, 1893-94; Instructor, Elkhart Institute, 1900-1902; Instructor Wooster University, summer, 1903; A.B., Wooster University, 1904; graduate student in German and Latin The University of Chicago, summers of 1904 and 1908; Instructor, Goshen College, 1904-05; traveled in Europe summer of 1912; Professor of German, 1905-; Acting Dean of College, 1916-

## **JONAS S. HARTZLER.**

Student, Cook County Normal, 1898, and Wooster University, 1899; ordained minister, 1881; Instructor, Elkhart Institute, 1895-1903; Instructor Goshen College, 1903-16; traveled in oriental and missionary lands, 1910-11; Dean of Bible School, Goshen College, 1905-12; Assistant Treasurer, Mennonite Board of Education.

## **EPHRAIM J. ZOOK, A.M., Librarian.**

B.S., Ohio Normal University, 1897; Principal, school of Canaan and Rittman, Ohio, 1897-99; Ph.B., Wooster University, 1901; Instructor, Elkhart Institute, 1901-03; Instructor, Goshen College, 1903-04; A.M., The University of Chicago, 1905; Graduate student, The University of Chicago, summers of 1905, '08, '13, '14; Graduate Indiana School for Librarians, 1916; Professor of Latin and French, 1905-

## **JONATHAN M. KURTZ, A.M.**

Student, Ohio Normal University, 1896; Instructor, Elkhart Institute, 1902-03; Instructor, Goshen College, 1902-04; A.B., Oberlin College, 1905; Scholar in Chemistry, Oberlin College, 1905-06; A.M., Oberlin College, 1906; Graduate student, The University of Chicago, summers of 1909, '10, '11 and '12; Professor of Physical Science, 1906-

### **DANIEL A. LEHMAN, A.M.**

Graduate of First Pennsylvania State Normal, 1889; Ph.B., Wesleyan University (Conn.), 1893; graduate student, The University of Chicago; 1893-95; Principal of Academy, University of the Pacific, (Cal.), 1895-98; Student, Lick Observatory, summer of 1898; Professor of Mathematics, Baldwin University, (O.), 1898-1902; A.B., Western Reserve University, 1903; Instructor, Missouri State Normal, 1903-05; Instructor, University of Wisconsin, 1905-06; Graduate student, University of Michigan, summers, 1908-09, Columbia University, 1910, and The University of Chicago, 1912-14; Professor of Mathematics and Astronomy, 1906-

### **CHRISTIAN B. BLOSSER, A.B.**

Student Ohio Normal University, 1898-1900; Instructor, Goshen College, 1907; Assistant in Zoology, Indiana University, 1908-09; A.B., Indiana University, 1909; Instructor in Biological Sciences, Goshen College, 1909-10; Professor of Biological Sciences, 1910-15; Post-graduate student University of Wisconsin, 1915-17; Candidate for M.S. degree in Agriculture, June, 1917; Dean of School of Agriculture, 1917-

### **IRVIN R. DETWEILER, A.B.**

Missionary in India, 1902-04; ordained minister, 1905; Student Bethany Bible School, 1907-09; Field Secretary Mennonite Board of Missions and Charities, 1906-'14; A.B., Goshen College, 1911; Graduate student, The University of Chicago, summers of 1912, '13, '14 and '15; Instructor in Bible, Goshen College, 1909-12; Professor of New Testament and Missions, 1912-; Dean of Bible School, 1916-

### **JOHN J. FISHER, A.M.**

Assistant in Mathematics, Goshen College, 1911-13; A.B., Goshen College, 1913; Fellow in Philosophy and Education, Indiana University, 1913-1914, A.M., Indiana University, 1914; Harrison Fellow in Philosophy and Education University of Pennsylvania, 1914-1915; Graduate student in Education, The University of Chicago, summer of 1915; Graduate student in Education, Columbia University, summer of 1916; Assistant Professor of Philosophy and Education, 1916-

### **WILLIAM B. WEAVER, A.B.**

Assistant in History, Goshen College, 1912-1914; A.B., Goshen College, 1914; Graduate student in History and Social Sciences, Indiana University, spring and summer, 1914; Candidate for the A.M. degree, Indiana University; Instructor in History and Social Sciences, 1914-



### **SAMUEL W. WITMER, A.M.**

Assistant in German, Goshen College, 1913-14; A.B., Goshen College, 1914; A.M., University of Wisconsin, 1915; Graduate student University of Illinois, summer, 1916; Instructor in Biological Science, 1915-1917; Assistant Professor, Biological Sciences, 1917-

### **AMOS S. EBERSOLE, Mus.B.**

Private teacher of Music, 1909-1913; graduate Music Teachers' course, Goshen College School of Music; student, Columbia University School of Music; graduate, Collegiate and Post Graduate courses in Singing, American Conservatory of Music; studied with the following teachers: D. A. Clippinger, Rossetter G. Cole, S. Reid Spencer, DeLoss Smith, Oscar Saenger, Mabel Woodworth, John T. Read, Adolph Weidig; Acting Director, School of Music, 1913-1914; Associate Director, School of Music, 1914-1915; Director, School of Music, 1915-

### **VESTA ZOOK, A.B., B.S.**

Assistant in German, Goshen College, 1913-1914; A.B., Goshen College, 1915; B.S., Lewis Institute, 1916; Dean of Women and Instructor in Home Economics, 1916-

### **JOHN E. WEAVER, A.M.**

Assistant in Bookkeeping, Boise Business College, 1907-1908; Graduate Boise Business College, 1908; Instructor in Bookkeeping and Shorthand, Goshen College, 1910-1915; A.B., Goshen College, 1914; A.M., Indiana University, 1916; Principal School of Business, 1916-

### **SYLVIA BONTRAGER.**

Private teacher of Music, 1907-1910; Assistant in Piano, Goshen College, 1910-1911; Graduate Music Teachers' Course, Goshen College, 1910; Graduate Piano Course, Goshen College, 1911; Graduate, New England Conservatory, 1916; Student Faelton Pianoforte School and private student of Carl Faelton, 1915-1916; Instructor in Piano and Theory, 1911-

### **OPAL McCOY, Mus.B.**

Mus.B., DePauw University, School of Music, 1913; private teacher of Music, 1913-; student of Noble Kreider, 1914-1916; Instructor in Harmony and History of Music, 1916-

### **MARY HOOLEY, A.B.**

A.B., Goshen College, 1916; Special student in English, The University of Chicago, summer of 1915 and 1916; Preceptress and Instructor in English, 1915-1916; Instructor in English, 1915-

### **AMOS E. KREIDER, A.B.**

A.B., Goshen College, 1915, ordained minister, 1915; graduate student at Garrett Biblical Institute and Northwestern University, spring and summer, 1916, 1916-1917; candidate for the degree of Bachelor of Divinity, Garrett Biblical Institute, August, 1917; Instructor in Old Testament and Religious Education, 1917-

### **ISAAC CLAYTON KELLER, A.B., A.M.**

A.B., Albright College, 1907; instructor high school, Windber, Penn., 1907-10; A.M. Harvard University, 1912; head of department of English, Blue Ridge College, Md., 1911-1916; graduate student, University of Pennsylvania, summer of 1915; graduate student Columbia University, 1916-17; candidate for Ph.D. degree Columbia University; Professor of English and Public Speaking, Goshen College, 1917-

\* .....

Instructor in Animal Husbandry and Soils.

### **MARTHA MARTIN, A.B.**

A.B., Goshen College, 1915; teacher Public Schools, Iowa and Colorado, two years; Preceptress and Instructor in English, Goshen Academy, 1914-15; student, The University of Chicago, summer 1914; Instructor in Common Branches and Assistant in Department of Education, 1917-

### **JENNIE TERRILL.**

Graduate Moberly, Mo., high school, 1904; teacher rural schools three years; teacher grade schools, Armstrong, Mo., five years; teacher of Latin and English, Armstrong, Mo., high school, two years; student University of Missouri, summer, 1912; graduate Kirksville State Normal School, 1916; student-teacher Kirksville State Normal School, 1915-16; teacher Model Rural School, Goshen College, 1916-

### **ELVINA EBERSOLE.**

Student Bluffton Conservatory of Music, two years; graduate Music Teachers' Course, Goshen College, School of Music; private teacher of Music, one year; student, Northwestern University School of Music, summer term; Instructor in Singing, Goshen College, 1917-

\* Instructor to be supplied.

## STUDENT ASSISTANTS

Harold S. Bender .....	Chemistry
Bernice Lehman .....	German
Jesse N. Smucker .....	Mathematics
J. Boyd Cressman .....	Botany
Elma Hesh .....	History
Vinora Weaver .....	Stenography
Ezra S. Deter .....	Bookkeeping

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## EXECUTIVE OFFICERS

John E. Hartzler .....	President
Daniel S. Gerig .....	Acting Dean and Registrar
Ephraim J. Zook .....	Librarian
Vesta Zook .....	Dean of Women

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## ASSISTANT OFFICERS

Mary Stoltzfus .....	Matron, Kulp Hall
Mrs. Samuel Plank .....	Matron, East Hall
Samuel H. Plank .....	Supt. Buildings and Grounds
Ella Shoup .....	Assistant Librarian
Joseph E. Brunk .....	Bookkeeper
Margaret Anderson .....	Stenographer

## STANDING COMMITTEES OF FACULTY

Admission and Classification—Gerig, Fisher, Blosser.

Appointments—Pres. Hartzler, Gerig, Lehman.

Athletic—Witmer, W. B. Weaver, Keller.

Buildings and Grounds—Zook, Witmer, Hartzler.

Course of Study—Gerig, Pres. Hartzler, Lehman.

Debate and Oratory—W. B. Weaver, Kreider, Keller.

Dining Hall—Miss Zook, Miss Martin, Fisher.

Dormitory and Student Life—Miss Zook, Gerig, Detweiler,  
Miss Hooley, J. E. Weaver.

Equipment—Pres. Hartzler, Zook, Kurtz.

Extra Work—

For College—Kurtz, Witmer, Blosser.

For Academy—Lehman, Zook, Detweiler.

Graduate Study—Gerig, Lehman, Fisher, Blosser.

Library—Zook, Keller, Fisher.

Public Occasions—Pres. Hartzler, Kurtz, Blosser, Ebersole, Miss Bontrager.

Publications—Pres. Hartzler, Gerig, J. E. Weaver.

Religious Activities—Detweiler, Miss Martin, Kreider.

Rules and Discipline—Gerig, Miss Zook, Detweiler, Kurtz,  
Fisher, Miss Hooley, Blosser.

Scholarships—Pres. Hartzler, Detweiler, Blosser.

Student Organizations—Kurtz, Ebersole, Miss Bontrager,  
Kreider.

Woman's Advisory Committee—Miss Zook, Miss Hooley,  
Mrs. Kurtz, Mrs. Zook, Mrs. Witmer.

# ADMISSION

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## METHOD OF ADMISSION

Admission to College may be gained either by certificate or by examination. Graduates of commissioned high schools or other approved preparatory schools will be admitted upon presentation of certificates of good moral character and graduation. Candidates may present these certificates in person on registration day but it will greatly expedite registration if these certificates are sent to the Registrar at least two weeks before the opening of the fall term. Blank certificates will be sent upon application.

For admission by examination either upon all the required subjects or upon those for which no satisfactory certificates can be offered the candidates shall present themselves at the office of the Registrar on the opening day of the term for such examination as the Committee on Admission and Classification may require.

No advance credit is granted for subjects studied in high school unless the student has taken a postgraduate high school course of at least one semester. Such credit will be allowed only upon examination and will not be finally placed to the student's credit until he has done at least two terms of successful work in the College.

## REQUIREMENTS FOR ADMISSION.

The amount of work required for admission is based upon the work of the commissioned or first class high school. A one-year course meeting daily for forty-five minutes, or a one-year course meeting four times per week for sixty minutes is accepted as the unit of credit. The amount of credit in each subject will be estimated on the basis of the length of the recitation periods, the textbooks used and, in science courses, also the laboratory note-books.

For admission to the Freshman class without condition, candidates must offer in addition to the preacademic or grammar school studies, not less than fifteen units of high school work, to be made up as follows:

Required:

English .....3 units

Foreign Languages .....2 units

(Not less than two units of any one foreign language will be accepted).

Mathematics, Algebra and Geometry .. .2 units

History, Greek and Roman preferred ....1 unit

Science, a laboratory science .....1 unit

Electives:

Additional units from above groups .....2 units

Electives .....4 units

In order to obtain the best results in college work students are urged to elect two units of foreign language and one unit if mathematics in addition to the minimum requirements in these subjects.

The following table gives a list of subjects which may be presented for entrance with the maximum number of units allowed in each:

English Composition and Rhetoric .....	2	} 4
English Literature .....	1	
English Classics .....	1	

Latin .....	2, 3, or 4	} 6
Greek .....	2 or 3	
German .....	2, 3 or 4	
French .....	2, 3 or 4	

Algebra .....	1½	} 3½
Plane Geometry .....	1	
Solid Geometry .....	½	
Trigonometry .....	½	



History, General .....	1	} 2
History, Greek and Roman .....	1	
History, English .....	1	
History, United States and Civics .....	1	

Physics .....	1	} 3
Chemistry .....	1	
Biology .....	1	
Botany .....	1	
Zoology .....	1	
Agriculture .....	1	
Physiography .....	$\frac{1}{2}$	
Physiology .....	$\frac{1}{2}$	
Geology .....	$\frac{1}{2}$	
Astronomy .....	$\frac{1}{2}$	

Commercial Subjects. ....	} May receive credit, after each claim has been investigated.
Domestic Science ...	
Manual Training ....	
Free-hand Drawing....	

### CONDITIONS

Candidates presenting not less than fourteen units will be admitted to the Freshman class on condition that they begin at once to make up the work in which they are deficient. Such work must be completed before the Junior year. The Academy and the Summer School affords good opportunities for removing conditions.

### SPECIAL STUDENTS

Candidates who are twenty-one years of age or more and who cannot meet the above requirements may be admitted as special students by furnishing evidence of ability to do the contemplated work. Such students may at any time become candidates for degrees by completing the entrance requirements.

# CURRICULUM

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The curriculum of Goshen College makes provision for general culture by prescribing some work in each of the great fields of knowledge; encourages scholarship by requiring advanced courses in at least one major subject; and provides for the particular tastes and needs of each student by giving freedom to the choice of the major subject and electives.

The amount of work required for graduation with the Bachelor of Arts degree is one hundred and eighty term hours. Each student is expected to register for fifteen hours work each term. Any student wishing to take more than the normal fifteen hours' work must make application to the Committee on Extra Work before registering. Entering students are not expected to carry more than fifteen hours' work.

## PRESCRIBED WORK

English .....	15 hours
Mathematics .....	10 hours
Foreign Languages .....	21 hours
History or Social Sciences .....	15 hours
Natural Sciences .....	15 hours
Philosophy .....	10 hours

## MAJOR SUBJECTS

At the beginning of the Junior year each student shall in consultation with the Dean, select his major subject and file a statement of his choice with the Registrar. A major consists of forty-five hours, approximately one-third of which may be cognate work in allied subjects at the approval of Heads of Departments concerned.

Thirty of the forty-five hours is to represent a sequence in one subject.

## ELECTIVE SUBJECTS

In registering, required and major subjects must have

the preference over those which are elective. Elective courses once begun may not be discontinued without the proper consent of the Faculty. The electives must be chosen in the sequence indicated in the department statements.

### FRESHMEN WORK

Freshmen are required to take at least thirteen hours from the prescribed work in English, Mathematics, Foreign Languages or Natural science, including English VI and Mathematics IV and V. All prescribed work except that in Philosophy should be completed by the end of the Sophomore year.

The following curricula are suggested for Freshmen:

I	II	III
English .....2	English.....2	English... ..5
Mathematics .....5	Mathematics .....5	Mathematics .....5
Language .....3	Language .....5	Language .....3
Zoology or Botany.....5	Chemistry.....3	Bible .....2

### PROFESSIONAL COURSE

Students who have completed their prescribed work and have one hundred and thirty-five hours credit may secure a leave of absence during their Senior year to attend a standard professional school. Such students may present themselves for degrees when a statement has been received from the Faculty of the professional school that one full year's work has been satisfactorily completed.

The following courses are suggested for those expecting to take up medical or engineering courses after completing three years of college work.

MEDICAL	ENGINEERING
English .....15	English.....15
Language .....21	Language .....21
History .....15	History .....15
Mathematics .....10	Mathematics .....24
Biology .....20	Astronomy... ..11
Chemistry.....33	Physics.....12
Physics.....12	Chemistry .....24
Philosophy.....10	Philosophy.....10

A SECTION OF THE BIOLOGY LABORATORY





A SECTION OF THE GENERAL CHEMISTRY LABORATORY



**DEGREES**

The degree of Bachelor of Arts will be conferred upon those who have complied with the requirements for graduation as stated above. Credit from other standard colleges may count toward the degree, but no student will be graduated who has been in residence for less than one year.

**CERTIFICATES**

A certificate is granted to those students in Home Economics who successfully complete a two year outlined course of study in this department. For outline of course see page 33.



# DEPARTMENTS OF INSTRUCTION

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## BIBLE

Professor Detweiler

Mr. Kreider

## OLD TESTAMENT

### I. History from the Conquest to the Fall of Samaria.

M. W. F. Fall Term.

The history of Israel is traced from the conquest to the fall of the Northern Kingdom, by an analytical and comparative study of the portions of Joshua, Judges, Samuel, Kings and Chronicles that deal with this period.

### II. Prophecy, from Genesis to Fall of Samaria.

M. W. F. Winter Term.

A study of the rise, content, classification, definition and principles of prophecy and a detailed study of Amos and Hosea.

### III. The Southern Kingdom. M. W. F. Spring Term.

The history and prophecy of the Southern Kingdom from Uzziah to the fall of Jerusalem with special study of Isaiah and Micah.

### IV. Literature of the Babylonian Period.

M. W. F. Two Terms.

The literature of the Babylonian period of Judah's history, and the Greek age to the Maccabean revolt will constitute the material for this study. The same aim and method of study will be continued in courses I-III.

### V. Poetry and Wisdom.

M. W. F. Spring Term.

A general survey of Hebrew Poetry and Wisdom Lit-

erature with a more careful study of characteristic selections. The aim is to familiarize the student with this phase of Old Testament Literature. IV and V not given 1917-18.

### NEW TESTAMENT

#### I. The Gospel of Luke. T. Th. Fall Term.

The Gospel of Luke. In addition to the work of introduction special attention is given to the sections peculiar to this Gospel, and a discussion of the synoptic problem.

#### II. The Book of Acts T. Th. Winter Term.

The Book of Acts, the beginning of Christianity, growth in Palestine and the work of Paul.

#### III. Pauline Epistles . T. Th. Spring Term.

Pauline Epistles. The general principles of introduction are used in the study of the Pauline Epistles with a careful study of Galatians and Philippians.

#### IV. The Gospel of John. T. Th. Fall Term.

A thorough inductive study of the Gospel. The development is traced and the leading terms of the Gospel are studied in preparation for a study of the Johannine Christology in the following course.

#### V. The Epistles of John. T. Th. Winter Term.

The Epistles are used to supplement the teachings in the Gospel in the development of the Christology of the Johannine literature.

#### VI. Catholic Epistles. T. Th. Spring Term.

The same inductive and analytical method is used as in the preceding course. Since the Epistles of John are studied in the winter term, James, Peter, and Jude are used in this term. IV-VI not given 1917-18.

## LANGUAGE

## I. Greek. M. W. F. Three Terms.

The first two terms are devoted to the mastery of the elements of the New Testament Greek and a vocabulary sufficient to begin the reading of the Gospel of John. The third term is devoted to reading the Gospel of John and a review of the Grammar studied in the preceding terms. Prerequisite, two years training in language study.

## II. Greek. M. W. F. Three Terms.

A careful translation of Mark, Matthew and Luke, word study and application of Moods and Tenses of the Greek language. The grammatical study with special emphasis on syntax will continue through the year. Prerequisite, Course I. or its equivalent of classical Greek.

## III. Greek. T. Th. Three Terms.

A translation of the Acts of the Apostles, miscellaneous epistles and selections from the Septuagint. Special attention will be given to the mastery of the grammatical and lexical peculiarities of the Hellenistic Greek and the relation that the Septuagint sustains to the Hebrew of the Old Testament and the Greek of the New Testament.

## EXEGESIS

## IV. Greek. Epistles to the Romans and Hebrews. T. Th.

Special attention will be given to the problems and teachings of the primitive church and the doctrines that grew out of them. The method will be a presentation by the Greek text, lexicons and grammars, with work on introduction. Careful work will be done in translation, brief commentary and close paraphrase.

For additional information see Bible School, pages 71-80.

## BIOLOGICAL SCIENCE

Assistant Professor Witmer

## III. General Zoology. M. W. F. Three Terms.

A general survey of the animal kingdom. The first part of the year will be given to the study of the invertebrates. The vertebrates will be taken up the latter part of the year. The laboratory work will include careful dissection of typeforms such as starfish, clam, perch, frog, pigeon and others. Some attention will be given to the animal cell, regeneration, field study of birds and economic importance. Not given 1917-18.

## IV. Entomology. M. W. F. Spring Term.

After completing two terms of General Zoology this course may be elected for the third term's work. There will be dissections of types from the various orders of insects with special attention to mouth parts. Each student will be required to make a collection of insects as part of the laboratory work. Not given 1917-18.

## V. General Botany. M.—F. Three Terms.

a. Algae and Fungi. The work of the fall term will deal mainly with the study of structure, reproduction and life habits of the simpler plants. Some time will also be given to an elementary study of the plant cell as a basis for the year's work.

b. Mosses and Ferns. In the winter term the course will cover the moss and fern groups. Special emphasis will be laid on the alternation of generations. The gymnosperm group of the seed plants will also be included in this term.

c. Seed Plants. The spring term will be devoted to anatomy, physiology, and classification of the flowering

plants. Whenever possible, cultivated plants are used as type forms. There will be some discussion of topics such as mutation, pollination and Mendel's law.

VI. Morphology of Fungi. T. Th. Three Terms.

Representative forms of the chief groups of fungi will be studied. Structure and life history will be the chief considerations. There will also be some emphasis laid on special cytology, artificial cultures, and the local flora. Whenever possible, fungi which cause plant disease will be used in the study of type forms. Other economic forms as mushrooms are also studied.

VII. Animal Ecology. M.—F. Fall Term.

A study of animals in relation to their environment. Shelford's *Animal Communities in Temperate America* will be used. The field work will be a study of local animal communities. The laboratory work will be an experimental study of animal behavior and will be correlated with the field study. The natural history of the vertebrates will also receive some attention.

VIII. Human Physiology. M.—F. Winter Term.

A study of the structure and functions of the human body. Models, charts, a human skeleton, and other equipment will be used to clarify the text work. There will be some laboratory work consisting of experiments, study of microscopic slides, and gross dissections. In taking up the various systems of the body special attention will be given to their histology.

IX. General Cytology. M.—F. Spring Term.

The important cellular phenomena of plants and animals and the light they throw on biological problems will be taken up. Wilson's *The Cell in Development and Inheritance* will be used as a basis for the work. The laboratory work will consist mainly of fixing, embedding, staining and a study of the preparations made.

## ENGLISH

Professor Keller

## COMPOSITION

## VI. English Composition. T. Th. Three Terms.

Weekly and fortnightly themes with a study of Canby's English Composition in Theory and Practice and representative modern English prose.

## VII. Exposition and Argumentation. T. Th. Three Terms.

Studies in the function, structure and style of the different types of Exposition and argument.

## VIII. Practical Public Speaking. T. Th. Three Terms.

A study of the composition and delivery of original speeches.

## LITERATURE

## IX. Introduction to English Literature.

M. W. F. Three Terms.

A historical and critical survey of English literature from Beowulf to Kipling, based on an outline history of English Literature and Century Readings in English Literature.

## X. Study of Master-pieces. T. Th. Three Terms.

Some of the greatest productions of English and American Literatures are studied. Here the work is of a critical nature. The purpose is to develop in students the power of intelligent interpretation and the ability to unearth the priceless gems which are concealed in this great field. This work includes both prose and poetry. Themes and essays are required from time to time. Texts are to be selected.



XI. Modern English Literature M. W. F. Three Terms.

(a) Poets of the nineteenth century, with special study of Wordsworth, Tennyson and Browning.

(b) Victorian prose, with special study of Carlyle, Newman, Ruskin and Arnold.

(c) A study of English literature to the present day, with special attention to the short-story and contemporary drama.

XII. The Elizabethan Drama. M. W. F. Three Terms.

After a brief historical survey of the development of the drama in English Literature the technique, art and content of the Elizabethan drama will be studied, with special emphasis on Shakespeare. Prerequisite, English IX. Not given 1917-18.

XIII. Modern Realistic Fiction. T. Th. Three Terms.

This course will consist of lectures, discussions, and extensive readings of representative works of Austin, Scott, Dickens, Thackeray, Eliot, Meredith, Hardy, and others. Prerequisite, English IX. Not given 1917-18.

XIV. Chaucer, Spencer and Milton. T. Th. Three Terms.

Three things will be attempted in the study of each poet; a definite first-hand acquaintance with the author, his age, and his poetry. Prerequisite, English IX.

XV. Anglo-Saxon and Chaucer. M. W. F. Three Terms

The study of A. S. Grammar and reading of various selections occupy the first semester of the fourth year. This subject is studied to give the student a glimpse into one of the sources of our great language. Sweet's A. S. Primer is used. The Prologue of the Canterbury Tales and such tales as time permits, are read. Special atten-

tion is paid to historical and philological points involved. Text is to be selected. The history of the English Language is also studied. In this, special attention is given to the origin of peculiar forms in grammatical construction and in popular speech. Lounsbury's text is used.

XVI. American Literature. M.—F. Summer Term.

The development of literature in America, with readings from representative authors especially Emerson, Hawthorne, Bryant, Whittier, Longfellow, Lowell, Holmes, and Poe.

## FRENCH

Professor Zook

French I. M. W. F. Three Terms.

This course aims to give a thorough and practical knowledge of the essentials of French grammar and elementary composition. Careful attention is paid to pronunciation and colloquial drill in connection with the reading of easy texts. The selections read vary from year to year. Open to college students who have had two years of foreign language.

French II. T. Th. Three Terms.

This course is a continuation of French I, and consists of reading prose selections from modern writers with conversation based on the text. Part of the course consists of a review of grammar and exercises in writing French.

## GERMAN

Professor Gerig

I. German. M. W. F. Three Terms.

This is a course open to college Freshmen or other college students who desire to begin the language. The

essentials of German grammar, practice in proper pronunciation, oral and written reproduction of simple English exercises and expressions form the basis of the work. Easy German readings and conversations are introduced from the first. Particular attention is given to the individual needs of the student.

## II. German.

M. W. F. Three Terms.

The work of the year consists in a review of grammar topics, exercises in composition and conversation, the study of several standard works of literature chosen from both classic and modern authors. Some attention will also be given to the reading and memorizing of a few choice lyric poems.

## III. Reading Course.

M. W. F. Three Terms.

The first term is devoted to the rapid reading of some production of prose literature. Attention will be given to conversation and drill in discussion in the original will be attempted. The second and third terms are devoted to drama. Oral composition will supplement the reading throughout the year.

## IV. Composition.

T. Th. Three Terms.

The work in this course consists of translation of English exercises into German, paraphrases of stories, epistolary writing and original composition.

## V. Schiller and Goethe.

M. W. F. Three Terms.

This year's work will be devoted to the study of works taken from Schiller and Goethe. Several works will be assigned for collateral reading and reports on them are required. A paper on some specially assigned subject is also a part of each term's work.

## VI. Lyrics and Ballads.

T. Th. Three Terms.

The study of the choicest lyrics and ballads of the foremost German poets and the memorizing of a few of the shorter ones together with short biographical sketches make up this course. Prerequisite, German III. Not given 1917-18.

## VII. Nineteenth Century Literature.

M. W. F. Three Terms.

The first half of the year is given to the study of the writing of the Romantic School. The selections for the last half are taken from the productions of late authors. Reports on assigned topics are required each term. Prerequisite, German III. Not given 1917-18.

## VIII. History of German Literature T. Th. Three Terms.

A study of the History of German literature and the forces that have been instrumental in its development. This course is given mainly in English and may upon consultation with the instructor be open to any student of the College Department. In plan it is a combination between the recitation and lecture methods of instruction. Not given 1917-18.

## IX. Scientific German.

T. Th. Three Terms.

This course offers an opportunity to become familiar with the vocabulary and idioms peculiar to chemistry, physics, political economy, botany and the technical industries. Not given 1917-18.

## X. German Romanticism.

M. W. F. Three Terms.

A study of the main influences, authors and select works from the German Romantic Movement. An outline text will be used as a basis and liberal readings are required in addition to the works studied in class. Open only to students who have a thorough reading knowledge of German.

## GREEK AND LATIN

Professor Zook

## GREEK

- I. Greek. M.—F. Three Terms.

The first two terms are devoted to elementary lessons in Greek supplemented by a number of short stories, which give the student an opportunity of applying his knowledge of Greek forms and syntax, and affords a much needed preparation for Xenophon's *Anabasis*, which is begun in the third term. Practice in reading at sight and comparison of Greek and English idioms receive careful attention.

- II. Greek. M.—F. Three Terms.

The first of this year will be given to exercises in writing Greek prose and reading three books of the *Anabasis*. Grammatical forms and rules of syntax will be reviewed. Attention will be given to sight reading and principal parts of irregular verbs. In the third term three books of Homer's *Iliad* will be read, the literary merits of Homeric dialect carefully noted and especial attention given to the heroic hexameter.

- III. Greek. M. W. F. Three Terms.

Herodotus; Xenophon; Plato.

## LATIN

- V. Latin. M. W. F. Three Terms.

This year's work aims to give the student an appreciation of the life and spirit of the Romans. The inflection of nouns and verbs is carefully reviewed. Special attention is given to word analysis and syntax. In the first year Cicero's *De Senectute* and *De Laelio* will be read; second term Cicero's *Tusculan Disputations*, third term, Livy, Book V.

## VI. Poetry of Horace. T. Th. Three Terms.

Odes and Epodes, Selections from Satires and Epistles.

## VII. Latin. M. W. F. Three Terms.

The basis of this year's work will be the plays of Plautus and Terence.

## HISTORY AND SOCIAL SCIENCE

## HISTORY

Mr. Weaver

## IV. American. M. F. Three Terms.

This course will cover the entire period of American History. Collateral reading is required and special topics assigned.

## V. Medieval Europe. M.—F. Fall Term.

This course deals with the religious, social and political life and institutions of Europe 476-1500. Collateral reading, special reports and term papers are required.

## VI. Modern Europe. M.—F. Winter Term.

This course deals with the period of European History from 1500 to 1815. Method of work same as above.

## VII. Nineteenth Century Europe. M.—F. Spring Term.

This course covers the period of European History from 1815 to 1915. A study of the problems of the reorganization of Europe after 1815, the rise of democracy, the Eastern question with special emphasis on the causes of the present European war. Hazen, Robinson, Seignobos, Hayes and other books serve as a basis for the work.



## VIII. English.

M. W. F. Three Terms.

This course deals with English History from the beginning to the congress of Vienna, 1815. Particular emphasis on the institutional and constitutional phases of History. Terry's text will be used. Collateral reading is required. Not given 1917-18.

## IX. Industrial History of the United States.

T. Th. Fall and Winter Terms.

This course deals with the industrial history from the beginning to the present day. The economic and commercial development in the United States will be especially emphasized. Not given 1917-18.

## X. Industrial History of England. T. Th. Spring Term.

This course deals with the industrial and social conditions of England from the beginning to the present day. Special emphasis will be placed on such subjects as Guilds, Medieval Commerce, Industrial Revolution, and the Commerce of England. Not given 1917-18.

## POLITICAL SCIENCE.

## XI. American Government.

M. F. Fall Term.

This course will consist of the study of the national government in action, including the organization and procedure of Congress, the powers of the Executive, and the administrative and judicial system. Not given 1917-18.

## XII. European Governments.

M.—F. Winter Term.

A descriptive and comparative study of the constitutional organization and practical working of the principal governments of Europe. Not given 1917-18.

## XIII. International Law.

M.—F. Spring Term.

This course is a general treatment of the law governing international relations in peace and war with considerable attention to the development of arbitration and international organs of administration. Not given 1917-18.

## SOCIOLOGY

## XIV. Sociology. T. Th. Three Terms.

This course covers the principles of sociology in the Fall and Winter term. The Spring term will be devoted to a practical application of the sociological principles studied in the previous two terms. Term papers are required. A text will be used with collateral reading.

## ECONOMICS

## I. Principles of Economics . M. W. F. Three Terms.

This course covers the general field of Economics, dealing with the production, consumption, distribution and exchange of wealth. Some of the modern economic problems discussed are prices, tariff, taxation, insurance, labor. A text is used with collateral reading in such works as Ely, Hadley, Seager, Walker, Marshall, Taussig.

## II. Money and Credit. T. Th. Three Terms.

The history and principles of money and credit with especial reference to the monetary system of the United States. The course includes a study of the history and development of banking, and the recently established Federal Reserve System. Text and outside reading. Not given 1917-18.

## III. Theory of Accountancy. T. Th. Three Terms.

The theory of bookkeeping with sufficient laboratory exercises in recording transactions to illustrate the principle of debit and credit. A special study of the work of the accountant in the formation and interpretation of the Balance Sheet, financial statements, analysis sheets, cost accounting, installation of systems, and auditing. Text and assigned reading. Not given 1917-18.

## HOME ECONOMICS

## I. Food and Cookery. M. W. F. Three Terms.

Practical and experimental work in foods; a study of food production and manufacture; selections and preparation of typical foods; changes brought about by heat, cold and moisture; chemical composition; cost and desirable combinations; preparation and serving of meals. One hour lecture, two two-hour laboratory periods per week. Prerequisite, General Chemistry.

## II. Food Chemistry. M. W. F. Fall and Winter Terms.

Examination and testing of food materials; food adulterations, and preservatives. Study of proteins, carbohydrates and fats, with emphasis on meat, flour, sugar and milk. Lecture one hour, laboratory two two-hour periods per week. Prerequisite General Chemistry and Foods and Cookery.

## III. Nutrition and Dietetics. M. W. F. Spring Term.

Relation of food requirements to climate, age, sex and occupation; well selected dietaries and food values; demonstration and contest work. Prerequisite Food Chemistry.

## IV. Bacteriology. T. Th. Winter Term.

A study of micro-organisms, sterilization, preparation of media; examination of water, milk and air; general knowledge of more important bacteria as encountered by the housewife and their relation to daily life. Prerequisite, Biology, Buchanan's Household Bacteriology. Not given 1917-18.

## V. Household Sanitation. T. Th. Fall Term.

House planning, site, basement, materials, sewage disposal, water and milk supply, lighting, heating and ventilating. Collateral reading and papers.

**VI. Household Administration. T. Th. Winter Term.**

The cost of living, division of income, household budget, planning daily and weekly duties, domestic service, care of the house, furnishings and decorations, the efficient home. Collateral reading and papers.

**VII. Hygiene and Care of Sick. T. Th. Spring Term.**

A course in care of the body in health; home care of the sick, first aid and emergency work; care of infants and children. Lecture and recitation.

**VIII. Advanced Sewing and Textiles.**

M. W. F. Three Terms.

This course includes a study of drafting, cutting and fitting; making shirt waists and dresses; artistic, economic and hygienic dress. The process of manufacture of textiles; the study and discussion of materials as to durability and appropriateness are emphasized. The aim is to develop the critical judgment of the class.

**IX. Laundry and Textiles. T. Th. Fall Term.**

The principles involved in laundry, practical work, in weaving, dyeing, basketing and needle work are included in the course. Lecture and reading.

**X. Evolution of the Home. T. Th. Spring Term.**

Historical development of the home; the family as a social institution; the house as an expression of the family needs; study of the modern family. Collateral reading and reports. Open to Juniors and Seniors.

**OUTLINE OF TWO YEAR CERTIFICATE COURSE.**

First Year:—Cooking, three hours; Sewing, three hours; English, two hours; Chemistry, three hours; Psychology, five hours.

Second Year:—Food Chemistry, three hours; Household Sanitation and Management, and Hygiene, two hours; Laundry and Textiles, Bacteriology and Evolution of the Home, two hours; Biology, five hours; Economics, five hours.

## MATHEMATICS AND ASTRONOMY

Professor Lehman

## IV. Algebra. M.—F. Fall Term.

This course presupposes a thorough course in Elementary Algebra, the leading topics of which are briefly reviewed. It includes numerous vocational problems, logarithms, graphs, complex numbers, theory of equations, series, undetermined coefficients, permutations, combinations, probability, and the elements of determinants. Required course.

## V. Trigonometry. M.—F. Winter Term.

It includes the use of logarithms, drawing to scale, computing heights and distances of inaccessible objects, solving triangles, developing formulae, verifying identities, solving equations, and checking results numerically and graphically. Required course.

## VI. Analytic Geometry. M.—F. Spring Term.

A thorough discussion of loci and their equations, including the straight line, circle, parabola, ellipse, hyperbola and the elements of geometry of space. A large number of problems are solved.

Some of the following courses will be given if there is a demand for them.

## VII. Advanced Analytic Geometry. T. Th. Three Terms.

A review and continuation of the work of Course VI. It includes higher plane curves and solid Analytic Geometry.

## VIII. History and Teaching of Mathematics.

M.—F. Spring Term.

Several standard works will be studied and compared. Modern methods and movements will be discussed.

**IX. Calculus. M. W. F. Three Terms.**

This course includes most of the topics, and a liberal selection of problems, from Granville's Differential and Integral Calculus. Prerequisite IV, V, VI.

**X. Advanced Culculus. T. Th. Three Terms.**

This includes such topics as the theory of definite integrals, and their application to the finding of areas, series, volumes, centers of gravity and moments of inertia, and double and triple integrals.

**XI. Differential Equations. M. W. F. Three Terms.**

Murray's and Cohen's texts will be used.

**XII. Theory of Equations. M. W. F. Three Terms.**

In subject matter this course naturally follows IV. It includes the leading topics in Burnside and Panton's Theory of Equations.

**XIII. Descriptive Astronomy.**

Twice a Week. Three Terms.

The work begins with observation of the planets, the moon, the constellations, and other phenomena. The equatorial telescope is studied and used. Text books, charts and journals are consulted.

**XIV. General Astronomy.**

Twice a Week. Three Terms.

This involves a more exact and thorough study of the science of astronomy than does XIII. No mathematics beyond Trigonometry and Analytics (VI) are required.



## PHILOSOPHY AND EDUCATION

Assistant Professor Fisher

## PHILOSOPHY

## I. Introduction to Philosophy. T. Th. Fall Term.

This course is designed for beginners. It will include a definition of terms, a statement of the fundamental problems, and a characterization of the several great systems of thought. Text, lectures, readings, papers. Not given 1917-18.

## II. Logic. M. W. F. Fall Term.

A study of deductive and inductive methods of reasoning. Text, lectures, exercises. Not given 1917-18.

## II. Ethics. M.—F. Winter Term.

An analysis and comparative study of ethical theories. Constant reference will be made to present social and economic conditions for illustration and interpretation. The historical and constructive aspects will receive some attention. Text, lectures, readings, papers, Prerequisite I. Not given 1917-18.

## IV. Contemporary Philosophy. M.—F. Spring Term.

A study of some of the writing of new realism, modern idealism, pragmatism, and Bergsonism. Readings, reports, discussions. Prerequisite, I. It will be to the advantage of the student to have had V. VI. Not given 1917-18.

## V. History of Ancient Philosophy. M.—F. Fall Term.

The development of philosophy from its earliest beginnings among the Greeks to the close of the Medieval Period. Socrates, Plato and Aristotle will receive chief attention. Lectures, text, readings, papers.

**VI. History of Modern Philosophy. M.—F. Winter Term.**

The development of philosophy in the modern period. The rationalists, empiricists, and Kant will receive chief attention. Prerequisite I.

**VII. Classics in Philosophy. M.—F. Spring Term.**

The first half of the term will be devoted to the reading of a number of the typical dialogues of Plato; the second half will be devoted to the reading of Kant's Critique of Pure Reason. Reports, discussions. Prerequisites, V, VI.

**PSYCHOLOGY****X. General Psychology.**

M. W. F. Fall and Winter Term.

This course will concern itself mainly with the facts of normal, adult, human consciousness. Some consideration will be given to abnormal, child, social and animal psychology. The scope, point of view, and methods of psychology will be defined. The neural basis of consciousness, sensation, preception, imagination, conception, and the higher processes of reasoning, instincts, emotion, and volition will be studied. A comparative study will be made of several standard texts. Lectures, readings, papers.

**XI. Educational Psychology. M. W. F. Spring Term.**

The application of general psychological principles to the learning and teaching processes. The relation of instinct, thought and habit, and their educational significance; the transmission of experience, and the school as an agency of controlling experience; individual differences; formal discipline, and the transfer of training are among the topics discussed. Lectures, extensive readings, papers.

**XII. Experimental Psychology. T. Th. Three Terms**

A laboratory course for students who have had or are taking course X. The work of the first two terms will deal mainly with sensation and perception; the third term with tests of mental ability. The methods of experimental science will be emphasized. Note books will be required. Not given 1917-18.

For additional courses in Psychology see under Normal School, pages 55-62.

**EDUCATION.****XIII. History of Education. M.—F. Fall Term.**

The purpose of this course is to give an historical understanding of the present day situation and tendencies in education. Educational doctrine and practice will be traced from antiquity to the present time. The great theorists of modern times will receive special emphasis. Text, lectures, readings, papers.

**XIV. Principles of Education. M.—F. Winter Term.**

A study of the meaning and aim of education as defined by leading educational theorists, in the light of the biological, mental, and social sciences. Social efficiency and individual development will be discussed with a view of finding proper relation between them. Lectures, extensive reading.

**XV. School Administration. M. W. F. Spring Term.**

A study of the scheme of government of public education, its relation to the scheme of government of civil affairs, and the relation between local and central authority, with special reference to the system of education in Indiana. Lectures, text, readings.

## XVI. Secondary Education T. Th. Spring Term.

A brief study of the growth of the American high school, and a comparison of the same with the secondary schools of Europe will be followed by a study of present problems. Among the topics considered will be the curriculum, methods, management, and the relation of the high school to elementary and higher education. Text, lectures, readings, papers.

## XVII. Methods of Teaching. M.—F. Spring Term.

A course for those who have have no experience in teaching. Its aim is to prepare the student to teach the common branches. Such topics as the source of study, the recitation, the study period, and individual differences will be emphasized. Texts, lectures, readings.

## XVIII. Rural Education. M.—F. Summer Term.

A brief review of the sociological and economic status of rural life will preface a discussion of rural education. The following topics will be discussed: Organization and maintenance; curriculum; buildings, grounds, equipment; the teaching force; supervision. Lectures, extensive reading, papers.

## PHYSICAL SCIENCE

Professor Kurtz

## CHEMISTRY

## II. General Chemistry. M. W. F. Three Terms.

This course aims to give the student a comprehensive view of the fundamental principles of chemistry both as a general culture subject, and as a foundation for more advanced chemical work. The work of the three terms includes (a) a study of several typical elements and such subjects as the laws of chemical combinations, solutions,

ionization, and balance; (b) the nonmetals and the subjects of chemical equilibrium, the periodic law, and molecular and atomic weights; (c) the metals and industrial chemistry.

III. Qualitative Analysis. M.—F. First Half Year.

Laboratory work, lectures and recitations on the principles and practice of Qualitative Analysis. The course consists largely of experimental work in the laboratory. In the lectures a careful study is made of the laws of chemical equilibrium, and the theories of solution and electrolytic dissociation as well as their practical application to analytical chemistry. Prerequisite, General Chemistry.

IV. Organic Chemistry. M.—F. Last Half Year.

The course deals with the chief classes of organic compounds both of the aliphatic and aromatic series. Prerequisite, General Chemistry.

V. Quantitative Analysis. M. W. F. Three Terms.

A careful study is made in the laboratory of the principles of gravimetric and volumetric analysis as applied to the separation and determination of the common bases and acids found in salts, minerals, etc. For Agricultural students the analysis of feeds, soils, fertilizers and similar compounds will be taken up after the general principles of quantitative analysis have been mastered. Prerequisites, General Chemistry and Qualitative Analysis.

PHYSICS.

VI. General Physics. M. W. F. Three Terms.

This course is intended to acquaint the student with the elementary facts and general principles of physical science. Prerequisite, Elementary Physics and Trigonometry.

## VII. Experimental Physics.

Three Terms.

Laboratory work arranged to accompany the course in General Physics. The class meets five hours a week and the work counts for two credits. Hours to be arranged.

## EARTH SCIENCE

## VIII. Geology.

M.—F. Fall Term.

This course will be a brief and general survey of the entire field of Geology. The purpose of the work is to become acquainted with the leading facts concerning the formation, structure and history of the earth. The geological processes. Diastrophism, Vulcanism, and Graduation are carefully considered, preparatory to the study of Historical Geology. Not given 1917-18.

## IX. Geography.

M.—F. Spring Term.

After a physiographic study of the earth, the development and resources of the leading countries and nations of the world are taken up with special emphasis upon the United States. An effort will be made to trace the influence of soil, climate, and other physical conditions as determining factors in the resources of different regions, and the resulting development of trade and important commercial centers. The Conservation of Resources will receive attention.

## MUSIC

Professor Ebersole

Miss Bontrager, Miss McCoy

## II. Solfeggio, Ear Training, Dictation.

M. Th. Three Terms.

A review of the principles of Solfeggio I and a continuation thereof with more difficult exercises. Melodic dictation in two, three and four parts within the key. Identification and the various triads and sept-chords, chromatic passing tones, transitions and modulations.



## I. Harmony.

T. F. Three Terms.

A study of Scales, Intervals, Principal Triads, Cadences, Connection of Triads, Harmonization of given Melody, Subordinate Triads, Inversions, Chords of Seventh and Ninth in Major and Minor, all classes of Discords, Modulation.

## II. Harmony.

T. F. Three Terms.

Modulation continued, Altered Chords, Mixed Chords (all forms of modulation), Enharmonic exchange, Suspension, Appoggiatura and Anticipation, Passing tones and Embellishment, Organ Point, Florid Melodies, Accompaniments, Chorales.

## III. Counterpoint.

W. Three Terms.

Counterpoint in one, two, three and four part writing. Double Counterpoint, Initiative, Homophonic—free writing for piano, violin, etc., String quartet. Prerequisite Harmony I and II.

## IV. Harmonic Analysis.

T. F. First Half Term.

A study of Cadences, Modulation, Non-harmonic tones, etc., with special reference to harmonic construction, analyzing of works by Schumann, Chopin, Czerny and others. Prerequisite, Harmony I and II.

## V. Analysis of Music Form.

T. F. Second Half Year.

Study of fundamental details, figure and motive, the phrase, two and three part song form, first, second and third rondo form, sonatina, sonata, irregular forms. Prerequisite, Harmony I, II and IV.

## VI. Counterpoint and Composition.

A course in advanced counterpoint; the canon at various intervals and the fugue in two, three and four voices; original composition.

## VII. History and Appreciation of Music.

T. F. Three Terms.

A study of evolution and art of music beginning with that of the uncivilized and ancient peoples, continuing up through the medieval period, church and secular music, the classical, romantic and modern schools.

## IV. Counterpoint and Composition. W. Three Terms.

Counterpoint in the various species in two, three and four parts. Considerable original work in vocal and instrumental composition will be done. •

## III. History of Music.

M. Th. Three Terms.

Ancient and primitive music, religious music, dramatic music, Development of Form. The classical and Romantic Schools, modern music, biographies, and demonstrations of representative works of the leading composers.

For full Music Course see pages 82-95.

# ACADEMY

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Daniel A. Lehman, Principal

The work in the Academy covers four years and is outlined especially for those who contemplate the complete of a college course.

Within prescribed limitations the student elects courses with the advice of the Principal. These courses form four years of systematic instruction suited to his peculiar needs. The completion of this work will prepare the student for entrance to the best colleges and professional schools, or give a limited education for general culture to those who find it impossible to get a college education.

## ENTRANCE REQUIREMENTS

Students who present certificates showing that they have completed the work of the eighth grade of common school studies and those holding teachers' certificates will be admitted without examination. Those who are not sufficiently advanced to take the regular course in the Academy will be required to take preparatory work in the common branches.

## REQUIREMENTS FOR ACADEMY DIPLOMA

In the Academy all courses have four hours recitation each week. Four such courses is the regular work of each student. One of these courses taken throughout the year of three terms of nine months is the unit of credit. For graduation sixteen units are required of which the following are prescribed:

English .....	3 units
Mathematics .....	2 units
Foreign Languages .....	2 units
Ancient History .....	1 unit
Science .....	1 unit

## Electives:

Additional units chosen from above group 2 units

Electives ..... 5 units

Total for Graduation ..... 16 units

The five electives may be selected from any of the subjects in the Academy and within certain limitations from the other schools of the college.

## CURRICULUM

## General

## FIRST YEAR

FIRST TERM	SECOND TERM	THIRD TERM
Latin I.....	Latin I.....	Latin I.....
Algebra I.....	Algebra I.....	Algebra I.....
Botany I.....	Botany I.....	Botany.....
English I.....	English I.....	English I.....

## SECOND YEAR

Latin II.....	Latin II.....	Latin II.....
Ancient History I.....	Ancient History I.....	Ancient History I.....
Plane Geometry II....	Plane Geometry II.....	Plane Geometry II.....
English II.....	English II.....	English II.....

## THIRD YEAR

Latin III.....	Latin III.....	Latin III.....
Greek I, or.....	Greek I, or.....	Greek I, or.....
German I.....	German I.....	German I.....
Zoology II.....	Zoology II.....	Zoology II.....
Solid Geometry IIIa....	Algebra IIIb.....	Algebra IIIc.....

## FOURTH YEAR

Latin IV, or.....	Latin IV, or.....	Latin IV, or.....
U. S. History.....	U. S. History.....	Civics.....
Greek II, or.....	Greek II, or.....	Greek II, or.....
German II.....	German II.....	German II.....
Physics I.....	Physics I.....	Physics I.....
English III.....	English III.....	English III.....

## Biblical

FIRST YEAR		
FIRST TERM	SECOND TERM	THIRD TERM
Latin I.....	Latin I.....	Latin I.....
Algebra I.....	Algebra I.....	Algebra I.....
English I.....	English I.....	English I.....
Times of Jesus.....	Life of Jesus.....	Life of Jesus.....
SECOND YEAR		
Latin II.....	Latin II.....	Latin II.....
Plane Geometry II.....	Plane Geometry II.....	Plane Geometry II.....
Ancient History.....	Ancient History.....	Ancient History.....
Biblical Intro. O. T.....	Biblical Intro. O. T.....	Biblical Intro. O. T.....
THIRD YEAR		
Greek I.....	Greek I.....	Greek I.....
Zoology II, or.....	Zoology II, or.....	Zoology II, or.....
Botany I.....	Botany I.....	Botany I.....
English II.....	English II.....	English II.....
Biblical Intro. N. T.....	Biblical Intro. N. T.....	Biblical Intro. N. T.....
FOURTH YEAR		
Greek II.....	Greek II.....	Greek II.....
Physics I.....	Physics I.....	Physics I.....
English III.....	English III.....	English III.....
Church History.....	Church History.....	Church History.....

## ACADEMY AGRICULTURE

## I. Agronomy.

T.—F. Fall Term.

This is an elementary study of plants, soils, cereal crops, legumes, forage crops, weeds, and field management.

## II. Horticulture.

T.—F. Winter Term.

The production of both large and small fruits for home use will be studied. Recitations, laboratory work and reports.

## III. Vegetable Gardening.

T.—F. Spring Term.

A study of the various vegetables for home and market use will be made. Laboratory work will consist of practical work in the greenhouse and garden.

## IV. Soils.

T.—F. Fall Term.

This is an elementary study of different types of soils as to: formation, structure, texture, use of organic matter, use of fertilizers, drainage and general management.

## V. Animal Husbandry.

T.—F. Winter Term.

This course takes up the study of breeds of live stock, judging, composition of feeds, feeding and general management.

## V. Poultry.

T.—F. Spring Term.

A study of classes and breeds, principles of housing, feeds and feeding, incubation and care of chicks.

## ENGLISH

## I. English.

M.—Th. Three Terms.

a. Classics: Selections for study and reading will be made from Silas Marner, Twice Told Tales, Franklin's Autobiography, Last of the Mohicans, Ivanhoe, The Lady of the Lake and As You Like It.

b. Composition and Rhetoric, including a review of grammar, two hours each week throughout the year.

## II. English.

M.—Th. Three Terms.

a. Classics: Selections for study and reading will be made from the House of Seven Gables, Treasure Island, Vision of Sir Launfal, selections from Odyssey, Julius Ceasar and Merchant of Venice.

b. Composition and Rhetoric, two hours each week throughout the year.

## III. English.

M.—Th. Three Terms.

History of American Literature and selections from Washington's Farewell Address, Webster's First Bunker Hill Oration, Chief American Poets and Short Stories.  
Not given 1917-18.



## IV. English

M.—Th. Three Terms.

History of English Literature and Selections from Burns, Carlyle's Essay on Burns, Milton's Minor Poems, Two Books of Paradise Lost, Tennyson's Idylls of the King, Palgrave's Golden Treasury, Macbeth and Hamlet.

## GERMAN

## German I.

M.—Th. Three Terms.

The work of this year consists of a systematic study of grammatical rules and principles, the acquisition of correct pronunciation, and drill in composition and conversation. Daily exercises are required from all the pupils. A number of easy poems are memorized during the year.

## German II.

T.—F. Three Terms.

The work of the first year is continued by a review of grammatical principles followed by the study of a number of easy prose selections. During the latter half year drama is begun. Collateral exercises in conversation and composition continue throughout the year.

## HISTORY

## I. Ancient History.

M.—Th. Three Terms.

a. History of Greece. Given in the fall and during the first half of the winter term. Special attention will be given to constitutional, social, religious and artistic development, and to the correlation of the facts studied with present day conditions.

b. History of Rome. Given the last half of the winter and spring term. This course covers a period from the absorption of Greece into the Roman Empire to the Germanic invasions. Special emphasis is given to those factors which were influenced in determining the trend of medieval and modern civilization.

## II. United States. M.—Th. Fall and Winter Terms.

The entire field will be covered. This course is to give a general survey of the history of the United States from the discovery of America to the present time. Not given 1917-18.

## III. Civics. M.—Th. Spring Term.

This is an elementary course in the study of the machinery of government, and obligations and privileges of citizenship. Not given 1917-18.

## HOME ECONOMICS

## I. Sewing and Design. T. Th. Three Terms.

This course consists of making various stitches, seams and their application to garments for the individual student; hand and machine sewing. The principles of line, color, proportion and harmony and their relations to the home and dress are studied. Reading and reports on cotton, linen, wool and silk are required.

## II. Principles of Cooking. W. F. Three Terms.

This course includes care of kitchen, preparation of typical foods and serving meals. Cleanliness and order are emphasized. The course aims to make the work practical for the student with a limited knowledge of science. Not given 1917-18.

## LATIN

## I. Latin. M. T. W. F. Three Terms.

It is of great importance that the first year of Latin should lay a good foundation for the work of the following years. Careful attention is given to the mastery of inflection and the most important rules of syntax. The student is trained from the beginning to translate into good Latin, easy exercises which are dictated by the in-

structor. An attempt is made to train the beginner to grasp the meaning of the Latin before translating, and then to render into idiomatic English. The spring term is devoted to easy reading.

## II. Latin.

T.—F. Three Terms.

During this year Latin grammar is carefully reviewed. Special attention is given to written prose exercises which enables the student to put into practice the forms and rules of grammar. In the first part of the year some easy Latin will be read. This will be followed by five books of Caesar.

## III. Latin.

M. W. Th. F. Three Terms.

This year's work will begin with the study of the four orations against Catiline. These will be followed with several weeks in Latin prose composition. Then two more of Cicero's orations will be read. The third term will be given to Sallust's Catiline. During the year's work an attempt will be made to gain a knowledge of Roman life and customs. Some sight reading will be done in connection with assigned work. In composition work Bennett's text will be used.

## IV. Latin.

M. T. Th. F. Three Terms.

The fourth year will be given to the study of Latin poetry. In the first and second terms four books of Virgil will be read. Careful attention will be given to the literary merits of this great poem and comparisons will be made between it and other great world epics. The third term will be devoted to a study of Ovid's Metamorphoses.

## MATHEMATICS

### I. Elementary Algebra.

T.—F. Three Terms.

This course passes by easy steps from problems in Arithmetic to Algebra. It includes the elements of quad-

ratic equations of proportions and variation. Many of the processes of elementary science are treated. Most of the time is spent on the fundamental processes, factoring, the statement of problems, and the solving of equations.

## II. Plane Geometry.

M. T. W. F. Three Terms.

The course begins with the organization of the student's past knowledge of form and with simple construction. Interest is aroused by the use of historical notes on the life and work of the Euclid and other great mathematicians. Many original exercises, some of the elements of Trigonometry and application in the mechanical arts are given. Clearness of thinking is followed by accuracy of statement and logical reasoning.

## IIIa. Solid Geometry.

M. Th. Three Terms.

The methods pursued in plane geometry are continued and special attention is given to the solution of problems and the demonstration of propositions without the aid of a text.

## IIIb. Advanced Academy Algebra. T. F. Three Terms.

The subjects of Elementary Algebra are reviewed, with emphasis on quadratic equation, radicals, fractional exponents, proportion, variation, and the binomial theorem.

## SCIENCE

### I. Botany.

M. T. Th. F. Three Terms.

The course will take up the study of roots, stems, leaves, flowers, and seeds of our common plants. This will be followed by a study of the simpler plants as bacteria, pond scums, molds, grain rusts, mosses, ferns, and the pine. Much consideration will be given to topics of a practical nature including forestry, plant breeding, weeds, plant industries. In the spring term the laboratory work will consist chiefly of the study and classification of flowering plants.

## II. Zoology.

M.—Th. Three Terms.

This course is a laboratory, text, and field study of animals. The crayfish, several forms of insects, and the earthworm will be the chief object of study in the fall term. Later in the year the work will cover fishes, frogs, reptiles, birds, and mammals. Some time will be given also to the study of microscopic animals. Supplementary work on special topics dealing with animal adaptations and economic importance will be included.

## III. Physics.

M.—Th. Three Terms.

This is a general course extending over the entire subject. Its object is to give the student a thorough knowledge of the simpler experimental facts of physics. It treats of the general properties of matter, mechanics, sound, light, heat, magnetism and electricity. The work of the class room and laboratory supplement each other and are considered of equal importance. Each student is required to keep a complete and accurate record of the experiments performed. Not given 1917-18.

## MUSIC

## I. Solfeggio.

M. Th. Three Terms.

A thorough drill in scale and interval singing, Time subdivisions. Theoretical material essential to good sight-singing.

## 1. Ear Training and Dictation. M. Th. Three Terms.

Melodic and rhythmic dictation within the key. The student is taught to reproduce in writing what he perceives by hearing.

## II. Solfeggio, Ear Training and Dictation.

M. Th. Three Terms.

Continuation of Solfeggio I, with more difficult exercises. Melodic dictation in two, three and four parts within the key. Identification of the various triads and sept-chords. Chromatic passing tones, transitions and modulations.

For full Music Course see pages 82-95.



## BUSINESS

## I. Bookkeeping .

M.—Th. Three Terms.

The H. M. Rowe Budget system of Bookkeeping and Accountancy is used. The principle of debit and credit is taught by the laboratory method and applied to different lines of business. The instruction being individual, the course may be taken by beginners and advanced students. Two hours credit is given but by doing a satisfactory amount of work outside of class the student may register for four hours.

## II. Gregg Shorthand.

T.—F. Three Terms

The work of the first term consists of drills on simple outlines, phrases and wordsigns. Ten lessons of the Gregg Manual are covered.

During the second term lessons ten to twenty are covered, together with translations of well written shorthand articles and some practice in taking dictation.

The text of the third term is Gregg Speed Practice. Two days are devoted to dictation exercises so that the student acquires sufficient speed to enable him to make practical use of his shorthand.

## III. Commercial Arithmetic.

T.—F. Fall and Winter.

Practical everyday business problems with special attention given to the subjects of Measurements, Percentage, Commission, Interest, and Stocks and Bonds.

## IV. Commercial Geography.

T.—F. Spring Term.

Deals with the various factors that control and influence commerce, with special reference to the United States.



## V. Commercial Law.

T.—F. Spring Term.

This course gives the student sufficient knowledge of the laws of commerce that he may conduct his business affairs with confidence. Some of the topics discussed are Contracts, Negotiable Papers, Partnerships, Corporations, Mortgages, Wills. Not given 1917-18.

## VI. Typewriting.

M.—F. Three Terms.

Touch typewriting is taught on the Underwood and L. C. Smith machines. (No credit).

## BIBLE

For description of the Bible courses offered as electives, see Bible School, pages 71-81.

# NORMAL SCHOOL

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JOHN E. HARTZLER, President

JOHN J. FISHER, Principal . . . . Psychology, Education

MARTHA MARTIN . . . . . Education

JENNY TERRILL . . . Model Teacher in the Rural School

ISAAC CLAYTON KELLER . . . . . English

DANIEL S. GERIG . . . . . German

EPHRAIM J. ZOOK . . . . . Latin, French

WILLIAM B. WEAVER . . . . . History

DANIEL A. LEHMAN . . . . . Mathematics

JONATHAN M. KURTZ . . . . . Natural Science

SAMUEL S. WITMER . . . . . Biological Science

CHRISTIAN B. BLOSSER . . . . . Agriculture

VESTA ZOOK . . . . . Home Economics

JOHN E. WEAVER . . . . . Penmanship

AMOS S. EBERSOLE . . . . . Music

INA K. SALTE . . . . . Art

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## THE INDIANA STATE TEACHER'S TRAINING BOARD.

Having found Goshen College fully equipped for preparing teachers, has placed it on the list of "Accredited" schools doing such work for "Classes A and B".

Students are admitted to the Normal School upon graduation from a commissioned or certified non-commissioned high school. Certificates of such graduation must be filed with the Registrar before or at the time of entering.

## COURSES FOR CLASS A"

(Twelve weeks)

(a) One of the following subjects: Educational Psychology, Methods, History of Education, Child Study.

(b) One common school subject .

(c) One advanced study.

(d) Observation of Teaching.

(e) The following subjects are optional: Penmanship, Vocal Music, Art.

## COURSE FOR "CLASS B"

(Twenty-four weeks)

(a) First twelve weeks: Course for 'Class A' as stated above.

(b) Second twelve weeks: Same regulations as for "Class A", with no duplications, and a proper sequence of subjects.

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PROGRAM OF COURSES

VIII. Elementary Psychology.

M.—F. Fall Term.

An introductory course dealing mainly with the normal processes of the adult human mind, and the fundamental principle of human behavior. Sensations, images, affections, and the laws of their grouping into preception, attention, association, and memory are among the topics studied. Text, readings, papers. Open to first and second year students only.

**IX. Psychology of Childhood and Youth.****M.—F. Winter Term.**

In this course the genetic development will be traced from birth, through infancy, childhood, and adolescence. Consideration will be given to heredity and environment, reflexes, and instincts, and their implications for the teacher, the physiological changes of puberty, and their reaction on the mental and moral life. Text, readings, papers.

**X. Advanced Psychology****M. W. F. Fall and Winter Terms.**

A comparative and detailed study of several standard texts. The course will require considerable reading. While it is desirable that students selecting this course have some knowledge of the field of psychology, it will be given in such a way that a mature student having had no previous courses in the field will be able to do the work. Open only to students who have completed the second year's work.

**XI. Educational Psychology. M. W. F. Spring Term.**

A study of those phases of psychology which are directly connected with the learning and teaching processes. The thought process, formal discipline and transfer of training, individual differences, and tests of mental ability will be treated. Prerequisite, anyone of courses VIII, IX, or X. Texts, lectures, readings, papers.

**XII. Experimental Psychology. T. Th. Three Terms.**

A laboratory course open only to students who have taken or are taking course XI. Not given 1917-18.

**XIII. History of Education. M.—F. Fall Term.**

The purpose of this course is to give an historical understanding of the present day situation and tendencies

in education. Educational doctrine and practice will be traced from antiquity to the present time. The great theorists of modern times will receive special emphasis. Text, lectures, readings, papers.

XIV. Principles of Education      M.—F. Winter Term.

A study of the meaning and aim of education as defined by leading educational theorists, in the light of the biological, mental, and social sciences. Social efficiency and individual development will be discussed with a view of finding the proper relation between them. Lectures, extensive reading, papers.

XV. School Administration.      M. W. F. Spring Term.

A study of the system of government of public education, its relation to the scheme of government of civil affairs, and the relation between local and central authority, with special reference to education in Indiana. Lectures, text, readings.

XVI. Secondary Education.      T. Th. Spring Term.

A brief study of the growth of the American high school, and a comparison of the same with the secondary schools of Europe will be followed by a study of present problems. Among the topics considered will be the curriculum, method, management, and the relation of the high school to elementary and higher education. Lectures, readings, papers.

XVII. Methods in Teaching.      M.—F. Spring Term.

A course for those who have had not experience in teaching. Its chief aim is to prepare the student to teach the common branches. Different types of teaching, the study period, school room discipline are among the topics discussed. Texts, readings.

## XVIII. Rural Education.

M.—F. Summer Term.

A brief review of the sociological and economic status of rural life will preface a discussion of rural education. The following topics will be discussed: Organization maintenance, curriculum, buildings, grounds, equipment, teaching force, supervision. Lectures, extensive reading, papers.

## XIX. Observation of Teaching.

Hours to be arranged. Three Terms.

The College maintains a Model Rural School a short distance from the campus and easily accessible by trolley. The school is in charge of a teacher of training and experience and offers opportunity for the observation of expert teaching. The Goshen City Schools also allow students to observe in all the grades. Students are required to make written reports of their observations, and meet in conference with the instructor in charge. The purpose of the conference hour is to direct and interpret the student's observation.

Students preparing to teach in Indiana must take at least one hour of Observation per term. Two hours may be taken in any one term.

## XX. Practice Teaching.

Hours to be arranged. Three Terms

A limited amount of actual training of the common branches under supervision is provided. While the class taught will be entirely in charge of the student the instructor in charge of the course will observe his teaching and will then aid and direct him by discussing his teaching in private conference. Only those having had sufficient training will be allowed to take this work.

Those desiring such teaching experience must notify the Principal of the Normal School at least three months before the opening of the term during which the work is desired, so that proper arrangements may be made to organize classes .



## XXI. Normal Grammar.

M.—F. Fall Term.

The aim of this course is two-fold: (1) a critical study of the essentials of English grammar, especially the sentence and parts of speech, with emphasis on the relation of words and their correct combination in sentences, and (2) a discussion of various methods of teaching the English language and particularly formal grammar, in the grades.

## XXII. Arithmetic.

M.—F. Winter Term.

The aim of this course is to give facility and accuracy in solving practical problems, to explain and simplify the principles underlying the subjects, and to give suggestions and training in teaching. Exercises from various books and examinations are worked; blocks, coins, weights and measures, and drawings are used in illustrating and field excursions are made for practice. While the subject matter is thoroughly treated, the methods of teaching classes of children are emphasized by lectures on the use and abuse of definitions, what subject are important, and the history of the development and teaching of Arithmetic.

## XXIII. Geography.

M.—F. Spring Term.

After a physiographic study of the earth, the development and resources of the leading countries and nations of the world are taken up with special emphasis upon the United States. An effort will be made to trace the influence of soil, climate and other physical conditions as determining factors in the resources of different regions, and the resulting development of trade and important commercial centers. The Conservation of Resources will receive careful attention.

## XXIV. American History.

M.—F. Three Terms.

The work in history aims to unify and systematize the student's knowledge of the subject. Topics are chosen

that are typical in their character, which when grouped together will give a view of real movements and important phases in our history. The usual amount of time will be given to special instruction in methods of teaching.

XXV. Physiology.

M.—F. Winter Term.

A study of the structure and functions of the human body. The didactic and laboratory methods are combined in such a way as to give the student a comprehensive and scientific knowledge of human physiology and the laws of health. The text work is made more clear by the aid of charts, models, and a few experiments.

XXVI. Penmanship.

M.—F. Each Term.

Directions are given for the proper position at the desk, the proper movement, so that the student may learn to write legibly, and rapidly without tiring. An unshaded, simplified style is taught.

XXVII. Methods in Common Branches.

M.—F. Three Terms.

While courses XXI-XXV give considerable attention to the teaching of the subject matter, courses will be offered in which the best methods of teaching the common school subjects will receive primary emphasis. The courses are: Methods in Grammar, Methods in Arithmetic, Methods in Geography, Methods in History, Methods in Physiology, and Methods in Reading. Not all of these will be given in any one year,—the ones given depending upon the demand.

XXVIII. Vocal Music.

M.—Th. Three terms.

The cultural value to a student of a course in music is alone sufficient reason for his pursuing it. This particular course in vocal music, or Solfeggio, will give him

sufficient musical knowledge and training to meet the demands made of the teacher in the public schools. The course includes a thorough drill in scale and interval singing, ear training and dictation, time subdivision and part singing, and all theoretical material essential to good sight singing.

#### XXIX. Public School Music Methods.

T. Th. Fall and Winter Terms.

Purpose of public school music, problems and methods in primary grades; the intermediate grades; the grammar grades, rote songs and how to teach them, the child voice, monotones, from the song to notation, sight reading, tone thinking, rhythm, beating time, song interpretation, individual singing, part singing, how to conduct the music period, supervision, relation of supervisor to superintendent and teachers, high school courses, glee club, chorus and orchestra, etc. The student must be able to sing the music at sight. Special tuition, see Page 124.

Note: For description of other courses in music see pages 82-95.

#### XXX. Public School Art.

Double Period. T. Th. Three Terms.

The course will present the study of nature, still life and life drawing, decorative design, perspective color theory, and primary instruction as used in public school work, with the methods of their presentation. Also the psychology of art, and the principles of supervision. Special tuition, see page 124.

### HIGH SCHOOL AND COLLEGE COURSES

Are fully described in the College and Academic Departments.

### SUMMER SCHOOL

Special attention is given to the training of teachers during the Summer Term. For information see Summer School and write for Summer School Bulletin.

# SCHOOL OF AGRICULTURE

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JOHN ELLSWORTH HARTZLER, President

CHRISTIAN B. BLOSSER, Dean .....

..... Agronomy and Horticulture

\* ..... Animal Husbandry and Soils

SAMUEL WITMER ..... Biology and Botany

JONATHAN M. KURTZ ..... Physical Science

DANIEL A. LEHMAN ..... Mathematics

ISAAC CLAYTON KELLER ..... English

JOHN E. WEAVER ..... Bookkeeping

It is the aim of the School of Agriculture to offer such courses as will insure not only a broad cultural education but also a thorough training in the science as well as the art of Agriculture. It is our purpose to correlate in so far as is possible the theory taught in the class room with actual practice in the fields and buildings of the College Farm.

Four distinct types of work are offered; a regular four year course of study; a twenty-four weeks short course; courses for grade teachers; and courses in the Academy for High School students.

## COLLEGE COURSE

The four year course is of college grade and is organized into three Departments; a Department of Animal Husbandry; a Department of Agronomy; and a Department of Horticulture. Students are thus given the opportunity to follow their particular lines of interest. The courses in the first two years are prescribed. A considerable number of electives are allowed in the last two years as is shown in the outline of courses.

Students are required to major in one of the three Departments at the beginning of the junior year subject to the general regulations of the College.

\* Instructor to be supplied.

### SHORT COURSE

The twenty-four weeks course is offered for the benefit of those who have not had high school training or for other reasons are not in a position to do more extensive work. The work consists of class and laboratory exercises adapted to the special needs of young men expecting to do practical farm work.

The course is offered during the winter term of two successive years. Certificates are granted to persons who satisfactorily complete the full course.

### NORMAL COURSES

Normal School courses in Agriculture are offered for the training of grade teachers.

### ACADEMY COURSES

Courses in High School Agriculture are offered in the Academy for the benefit of students who are interested in this line of work. See page 46.

### DEGREE

The amount of work required for graduation with the degree of Bachelor of Science in Agriculture is one hundred and eighty term hours.

### PRESCRIBED SUBJECTS:

English .....	15 hours
Chemistry .....	16 hours
Mathematics .....	10 hours
Biological Science .....	16 hours
Physics .....	12 hours
Agriculture .....	75 hours

## COURSE OF STUDY

## FIRST YEAR

FIRST TERM	SECOND TERM	THIRD TERM
Farm Crops I.....3	Farm Crops I.....3	Farm Crops II.....3
Chemistry II.....3	Chemistry II.....3	Chemistry II.....3
English VI.....2	English VI.....2	English VI.....2
Botany IV.....5	Botany IV.....5	Agricultural Botany...5
Animal Husbandry VIII.2	Animal Husbandry VIII.2	Animal Husbandry VIII.2

## SECOND YEAR

Animal Husbandry I...3	Animal Husbandry I...3	Animal Husbandry I...3
Chemistry III.....5	Chemistry III, Soils IV.5	Soils IV.....5
Mathematics IV.....5	Mathematics IV.....5	Animal Husbandry VII.5
Zoology III.....3	Zoology III.....3	Entomology.....3

## THIRD YEAR

Agronomy V.....3	Agronomy V.....3	English XI.....3
English XI.....3	English XI.....3	Physics VI, or.....4
*Physics VI, or.....4	Physics VI, or.....4	Horticulture I.....5
Animal Husbandry II...5	Agronomy X.....5	Electives.....7
Electives.....4	Electives.....4	

## FOURTH YEAR

Agronomy VIII.....3	Agronomy VIII.....3	Agronomy IX.....3
**Economics IIV.....3	Economics XIV.....3	Agronomy XI.....3
Electives.....9	Electives.....9	Electives.....9

\* Required of Students who have not had Physics 1.

\*\* Seniors expecting to teach Agriculture are required to take Education courses VIII, XII and Agronomy XII.

## ANIMAL HUSBANDRY

## I. Animal Husbandry. M. W. F. Three Terms.

This course is a study of the most important breeds of live stock; includes production, care, management and judging. Laboratory work consists of judging and the actual care of live stock on the College Farm.

## II. Dairy Husbandry. M.—F. Fall Term.

A study of milk production and milk products, milk testing, separating, buttermaking, cheesemaking, and practical cow-testing.



III. Live Stock Judging. M.—F. Spring Term.

A laboratory course designed for students who major in Animal Husbandry. Laboratory work consists entirely of practical judging of different classes of live stock. Prerequisite course I. Not given 1917-18.

IV. Animal Breeding. M. W. F. Winter Term.

This course deals with the underlying principles of animal breeding with particular reference to the choosing of foundation stock, selection, pedigrees of breeding animals, the development of young stock, the general management of the breeding business, and breeders' associations. Prerequisite course I.

V. History of Breeds. M.—F. Fall Term.

This course takes up the origin of the breeds of live stock and the methods of establishing and maintaining pure bred and high grade herds and flocks. Prerequisite course I. Not given 1917-18.

VI. Veterinary Science. M. W. F. Fall Term.

A course which deals with the gross anatomy and physiology of the animal body, particular attention being given to the diagnosis and treatment of common diseases of farm animals. Prerequisite course I and Zoology IV. Not given 1917-18.

VII. Feeds and Feeding. M.—F. Winter Term.

This course takes up the problems of animal nutrition, feeding standards, feeding stuffs, calculating rations, preparation of feeds, manurial value of feeds, and feeding practice on the farm. Prerequisite course I.

VIII. Poultry Husbandry. T. Th. Three Terms.

This work begins with a study of the breeds of poultry and includes the study of housing, feeding, hatching

and rearing of chicks, poultry diseases, fattening and marketing. The course is arranged with reference to seasonal sequence and the laboratory work consists of actual management of flocks, judging, and preparation for market.

### AGRONOMY

#### I. Farm Crops. M. W. F. Fall and Winter Terms.

A laboratory and class room study of the history, botanical characters, adaptations, distribution, and culture of the principal cereals with reference to local conditions. Laboratory work in grain judging and seed testing

#### II. Forage Crops. M. W. F. Spring Term.

A study similar to course I, of the legumes, grasses, and other forage crops.

#### III. Weeds and Weed Control. M. W. F. Fall Term.

This course deals with the habits, collection, identification and control of noxious weeds, and their relation to farm crops.

#### IV. Soils. T. Th. F. Fall and Winter Terms.

Lyon, Fippin and Buckman's "Soils" is used as a text. The work covers such subjects as the physical properties of soils, organic matter, colloidal matter, soil water, heat control of soil water, etc. Laboratory and recitations.

#### V. Agricultural Chemistry. M.—F. Last Half of Year

The first part of this course takes up the principles of quantitative analysis and is followed by the chemistry of feed stuffs, soils, fertilizers, etc. Prerequisite, General Chemistry and Qualitative Analysis.

VI. Soil Survey. M.—F. Spring Term.

A soil survey will be made of a limited area near the College. Lecture, laboratory, and field work. Not given 1917-18.

VII. Soil Management. M.—F. Winter Term.

This course deals with the practical methods of increasing and maintaining soil fertility, improvement of worn out soils, and the food requirements of common crops.

VIII. Farm Management.

M. W. F. Fall and Winter Terms.

This course deals with the problems of choosing and equipping a farm, types of farming, maintenance of fertility, capital required, systems of rental, laying out the farm, systems of cropping, and marketing of farm crops. Not given 1917-18.

IX. Farm Bookkeeping. M. W. F. Spring Term.

A course in practical farm bookkeeping especially designed to meet the needs of those students who expect to do practical farm work. Not given 1917-18.

X. Farm Machinery. M.—F. Winter Term.

This course deals with the principles and practice of operating farm machinery, including tillage, seeding and harvesting implements, manure spreaders, feed mills, wagons, pumping machinery, steam engines and gasoline engines, and the principles of cementing.

XI. Farm Engineering. M. W. F. Fall Term.

This course is a study in the laboratory, field, and class room of farm drainage, irrigation, roads, farm motors, farm structures and farm sanitation. Not given 1917-18.

**XII. Agricultural Education. M.—F. Spring Term.**

This course takes up a brief review of the history of agricultural education and includes also, methods of teaching, planning and organizing of courses, selection of subject matter, and equipment. Not given 1917-18.

**HORTICULTURE****I. Horticulture Practice. M.—F. Spring Term.**

A course in general horticultural practice designed to meet the needs of students who expect to return to the farm as well as an introduction to succeeding courses. Includes practice in seed germination, transplanting, tillage, grafting, pruning, spraying, hot bed construction and management, and planning the home garden.

**II. Vegetable Gardening. M.—F. Spring Term.**

A study of common vegetable crops and the management of the home garden, garden planning, garden rotation, succession and companion cropping, hot bed and cold frame construction and management. Laboratory work will consist largely of actual gardening.

**III. Small Fruits. T. Th. Fall Term.**

The strawberry, raspberry, blackberry, gooseberry, currants and grapes will be studied with reference to their history, methods of planting, pruning, soil fertilization, cultivation, insect control, and harvesting.

**IV. Orchard Fruits. T. Th. Winter and Spring Terms.**

This course will be a study of home and commercial orcharding, laying out, planting, pruning, and care of the young orchard, renovation of old orchards, harvesting, grading, packing and sorting of fruit. Prerequisite course I.

V. Systematic Pomology. M.—F. Winter Term.

This course includes botanical classification of the common fruits and the identification and judging of orchard fruits. Prerequisite course I.

VI. Landscape Gardening. M.—F. Fall Term.

This course deals with the principles of landscape gardening with particular reference to the laying out and planting of the home grounds and school grounds. Work begins with a study of ornamental shrubs, vines and trees adapted to landscape work. Not given 1917-18.

VII. Agricultural Botany. M.—F. Fall Term.

A study of the structure and physiology of agricultural plants, methods of propagation, and classification.

VIII. Plant Pathology. M.—F. Fall Term.

This course deals with the nature, causes and control of garden and orchard crops and includes collection of specimens, laboratory and field studies. Not given 1917-18.

IX. Economic Entomology. M.—F. Spring Term.

This course treats of economically important insects with special reference to life history, habits, injury to plants, and methods of control. Laboratory work includes identification, classification, and field studies. Prerequisite Zoology III.

X. Plant Breeding. M.—F. Winter Term.

This course is a study of the principles of variation, mutation, heredity, and plant breeding with reference to their application to the improvement of agricultural plants.

# BIBLE SCHOOL

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JOHN E. HARTZLER, President .

IRVIN R. DETWEILER, Dean ..... New Testament

JONAS S. HARTZLER ..... Bible Geography

AMOS E. KREIDER ..... Old Testament

WILLIAM WEAVER ..... History

MARY HOOLEY ..... English

AMOS EBERSOLE ..... Vocal Music

The Bible School is organized and maintained to meet the needs of two classes of students. It aims to give all students an opportunity to obtain a comprehensive knowledge of the great themes of the Bible while they are at the same time taking their training in college. It also aims to give special opportunity for thorough Bible study to those who are planning to take up direct religious work. The school gives the student a broad and practical knowledge of the history, literature and thought of the Bible by the best methods of interpretation and independent study. The courses vary in scope and method so that the need of practically every one may be served.

The curriculum is so arranged and the courses so planned that the best inductive methods may be used. The student is taught theology after the way has been carefully prepared by the inductive, practical and scriptural methods. Instead of approaching the themes in theology from a dogmatic or philosophic point of view the student makes his own generalization after the data has been carefully gathered in the earlier courses by the help of the instructor.



## REGULAR COURSE

This course covers two years and is open to those who have completed a four year Academy or High School course. In addition to the careful inductive and exegetical work in the English Bible, both Old and New Testament, several courses in the Greek New Testament and an introductory course in Old Testament Hebrew are given. These with the work in Theology, Practice, Church History, Missions, and Vocal Music make a unified and well balanced system of courses, especially helpful to Missionaries, Church and Sunday School workers.

## CURRICULUM

## FIRST YEAR

FIRST TERM	SECOND TERM	THIRD TERM
Old Testament I .....	Old Testament II .....	Old Testament III .....
New Testament I .....	New Testament II .....	New Testament III .....
Bib. Theology I .....	Bib. Theology II .....	Bib. Theology III .....
Greek III .....	Greek III .....	Greek III .....
Principles of Rel. Ed .....	The Church School .....	Psychology of Religion ..

## SECOND TERM

Old Testament IV .....	Old Testament IV .....	Old Testament V .....
New Testament IV .....	New Testament V .....	New Testament VI .....
Bib. Theology IV .....	Bib. Theology V .....	Bib. Theology VI .....
Greek IV .....	Greek IV .....	Greek IV .....
Electives from Either New Testament or Church History		

## PROGRAM OF COURSES

## OLD TESTAMENT LITERATURE AND INTERPRETATION

Special attention is given to the chronological order of the scripture material and the historical settings of the prophecies, their genetic relation to the political, social and religious environment, the element of moral and spiritual truth which they convey and any Messianic predictions they may contain. After the historical background of the period is laid the prophetic messages are studied in detail upon the basis of the scripture material. These courses furnish an introduction to the various departments of Old Testament study.

## I. History.

M. W. F. Fall Term.

The history of Israel is traced from the conquest to the fall of the Northern Kingdom, by an analytical and comparative study of the portions of Joshua, Judges, Samuel, Kings, and Chronicles that deal with this period.

## II. Prophecy.

M. W. F. Winter Term.

Prophecy to the fall of the Northern Kingdom. A study of the rise, content, classification, definition and principles of prophecy and a detailed study of Amos and Hosea.

## III. The Southern Kingdom.

M. W. F. Spring Term.

The history of the Southern Kingdom from Uzziah to the fall of Jerusalem with special study of Isaiah and Micah.

## IV. Babylonian Period. M. W. F. Fall and Winter Term.

The literature of the Babylonian period of Judah's History, Babylonian Exile, the Greek age to the Maccabean revolt. The same aim and method in the study of Old Testament History and Prophecy will be continued as in Course I. Not given 1917-18.

## V. Poetry and Wisdom.

M. W. F. Spring Term.

A general survey of the Hebrew Poetry and Wisdom Literature with a more careful study of the characteristic selections. The aim is to familiarize the student with this phase of Old Testament literature. Not given 1917-18.

## NEW TESTAMENT LITERATURE AND INTERPRETATION

This course aims to make the student familiar with the origin and development of our New Testament writings. In the study of the several books each book is con-

sidered with respect to its historical setting, literary character, author, first readers, occasion, aims, and social ethical and doctrinal teaching. The discussion and lectures in class are supplemented with assigned readings and written reports.

I. Gospel of Luke. T. Th. Fall Term.

In addition to the work of introduction special attention is given to the sections peculiar to this Gospel, and a discussion of the synoptic problem.

II. The Book of Acts. T. Th. Winter Term.

The beginning of Christianity, growth in Palestine and the work of Paul.

III. Pauline Epistles. T. Th. Spring Term.

The general principles of introduction are used in a study of Pauline Epistles with a careful study of Galatians and Phillipians.

IV. Gospel of John. T. Th. Fall Term.

A thorough inductive study of the Gospel. Development of thought is traced and the leading terms of the Gospel are studied in preparation for a study of Johannine Christology in the following course. Not given 1917-18.

V. The Epistles of John. T. Th. Winter Term.

The epistles are used to supplement the teachings in the Gospel in the development of the Christology of the Johannine literature. Not given 1917-18.

VI. The Catholic Epistles. T. Th. Spring Term.

The Epistles of James, Peter and Jude. The same inductive and analytical method will be used as in the preceding courses. Not given 1917-18.

## LANGUAGE

## I. Greek. M. W. F. Three Terms.

The first two terms are devoted to a mastery of the elements of the New Testament Greek and a vocabulary sufficient to begin the reading of the Gospel of John. The third term is devoted to reading the Gospel of John and a review of the grammar studied in the preceding terms. Prerequisite, two years training in language study.

## II. Greek. M. W. F. Three Terms.

A careful translation of Mark, Matthew and Luke, Word study and the application of moods and tenses of the Greek language. The grammatical study with special emphasis on syntax will continue through the year. Prerequisite course III or its equivalent of classical Greek.

## III. Greek. T. Th. Three Terms.

A translation of the Acts of the Apostles, miscellaneous epistles and selections from Septuagint. Special attention will be given to the mastery of the grammatical and lexical peculiarities of the Hellenistic Greek and the relation that the Septuagint sustains to the Hebrew of the Old Testament and the Greek of the New Testament.

## EXEGESIS

## IV. Greek. T. Th. Three Terms.

The Epistles to the Romans and the Hebrews are studied. Special attention will be given to the problems and teachings of the primitive church and the doctrines that grew out of them. The methods will be a presentation by the class of the results of exegetical study using only the Greek text, lexicons and grammars, with work on introduction. Careful work will be done in translation, brief commentary and close paraphrase.

## BIBLICAL THEOLOGY

- I. Worship and the Legal Elements in the Old Testament. M. W. F. Fall Term.

A general scope of the priest's work, the history of worship, with a study of Israel's codes of law in their original meaning and their influence upon the legal codes of subsequent times.

- II. Christian Ethics. M. W. F. Winter Term.

A study of the ethical ideas and ideals as taught and exemplified in the New Testament. Some attention will be given to the relation of this teaching to the Hebrew ethics of the Old Testament; relative value of Graeco-Roman ethics; application of Christian ethics to present day living.

- III. Introduction to the Study of Theology. M. W. F. Spring Term.

The nature of religion, materials of Christian theology, the relation of theology to philosophy and to history with a careful study of the nature, source and method in theology.

- IV. Teaching of Jesus. M. W. F. Fall Term.

This course is based on the historical and careful exegetical study of the New Testament. A working knowledge of the Greek, while a great help, is not absolutely required. The aim is to give a thorough acquaintance with the materials, the fundamental principles in the teaching of Christ, and to give practice in gathering and utilizing such material. Jesus' conception of the Kingdom of Heaven, of prayer, and of kindred subjects will be given attention. Not given 1917-18.

**V. Teaching of Paul. M. W. F. Winter Term.**

The method and aim of Course IV will be continued through this course. The special aim will be to ascertain Paul's exact teaching on the Law, Sin, Grace, the Flesh and like subjects. Not given 1917-18.

**VI. Apostolic Church. M. W. F. Spring Term.**

The aim of this course shall be to trace carefully the origin, problems, and development of the early church. Not given 1917-18.

**PRACTICAL THEOLOGY****I-II. Homiletics. T. Th. Fall and Winter Terms.**

Preaching and the preacher; the theory of preaching; various kinds of sermons; the text; essential qualities of a sermon, with practical work in constructing and writing sermons will constitute the main work of this course.

**III. Evangelism. T. Th. Spring Term.**

The text will cover the subject of The Present Call; Pastoral Evangelism; The Price of Power; Personal Evangelism; Evangelistic Preaching; Pulpit Power; Special Revival Periods; Method of Revival Work, and others of great importance to the modern preacher. Not given 1917-18.

**RELIGIOUS EDUCATION****I. Principles of Religious Education. M. W. F. Fall Term**

This course is designed to give the student a brief survey of the history of religious education, its aims and place in the church and home, and a working knowledge of the principles that should guide every effort in the teaching activity of the church.



## II. The Church School.

M. W. F. Winter Term.

This is a study of the principles and methods of teaching and organizing the teaching work of the church; a study of the religious aspect of child life and youth, and its bearing on the work of the Sunday School.

## III. Psychology of Religion.

M. W. F. Spring Term.

A study of religious experience with the purpose of understanding the factors which are important in the growth of Christian character. It is a study of the fundamental elements of the religious life. Special attention will be given to the study of the adolescent period. Prerequisite General Psychology.

## ENGLISH COURSE

There are those who are or might be effective workers in the Lord's cause who have a very limited education, and who have no knowledge of Greek, and are otherwise not prepared to take the regular course, but desire a better knowledge of the English Bible.

The English course has been outlined for their special benefit. The Bible subjects in this course are studied from the sacred book itself and not from books about the Bible.

## TWO YEARS COURSE.

FIRST YEAR		
FIRST TERM	SECOND TERM	THIRD TERM
Times of Jesus.....	Life of Jesus.....	Life of Jesus.. ..
Biblical Intro. O. T.....	Biblical Intro. O. T.....	Biblical Intro. O. T.....
English I.....	English I.....	English I.....
History I.....	History I.....	History I.....
Music.....	Music.....	Music.....
SECOND YEAR		
Biblical Intro. N. T.....	Biblical Intro. N. T.....	Biblical Intro. N. T.....
Church History.....	Church History.....	Church History.....
The Origin of Bible....	Early Church.....	Life of Paul.....
Missions.....	Personal Work.....	Personal Work.....
	Homiletics.....	Homiletics.....

**Biblical Intro. Old Testament. T.—F. Three Terms.**

The purpose of this course is to give the student a thorough working knowledge of the Old Testament in English. The student will read the entire Old Testament and locate each book in its chronological order. Outline certain books; write papers on selected subjects. Attention will be given to the literature of the Old Testament history of the Hebrews and reading of the entire prophetic literature.

**Biblical Intro. New Testament. T.—F. Three Terms.**

This course aims to give the student a servicable knowledge of the books of the New Testament. The text book is the Bible with some outside reading.

**Times of Jesus. T.—F. Fall Term.**

Geography, history, customs, religious sects and ideas, historical relations of the life and teachings of Jesus.

**Life of Jesus. T.—F. Winter and Spring Terms.**

An inductive study of the life of Jesus on the basis of the Gospels.

**The Origin of the Bible T.—F. Fall Term.**

A study of the history of the Bible as the expression of the religious life of Israel; the life of Jesus and the growth of Christianity in the literature of the New Testament.

**The Early Church. T.—F. Winter Term.**

The beginning and growth of the church in Palestine and the expansion of Christianity into the Roman Empire on the basis of the Book of Acts.

**The Life of Paul. T.—F. Spring Term.**

A chronology of his life, his conversion, his missionary journeys, his attitude toward the church of Jerusalem, as a missionary and the character of his letters.

## Missions.

T.—F. Fall Term.

A general introduction to the study of modern missions, principles, methods and aim.

## Personal Work.

T. Th. Winter and Spring Terms.

An inductive study based on the scripture with application to modern men and methods. General principles, motives, message, method and aim.

## Homiletics.

W. F. Winter and Spring Terms.

Construction and delivery of addresses and sermons.

## Church History.

T.—Th. Three Terms

This course will cover an outline of Church History from the beginning of the church to the present time. The first term will cover the history from the beginning to 590 A.D. The second term will cover from 590 A.D. to the Reformation. The third term will extend from the Reformation to the present time.

## SHORT BIBLE TERM

The short course in Bible study has been a feature of the institution for a number of years and has become a great help to many young people, Sunday School workers and the ministry.

In addition to the regular instructors of the Bible School H. Frank Reist, President of the Mennonite Board of Education and Editor of the Christian Monitor will offer two courses; one in Sunday School Lessons for 1918 and a second in Methods of Religious Education.

The courses offered for 1918 are as follows:

Sunday School Lessons for 1918.

Methods of Religious Education.

Life of Christ.

Old Testament Prophecy.

Vocal Music.

A Study of Missions.

Courses in Agriculture.

Courses in Domestic Science.

The work in this course is done as thoroughly as can be expected in six weeks. The same attention is given in this work as in any department of the institution. Lessons will be assigned each day which will be taken up the next day in class recitation and general discussion. The student is taught how to study his Bible independently.

During the short course the student rooms and boards at the school which gives him all the time between classes for study and preparation of definite assigned lessons. He has the opportunity to meet and become acquainted with the large number of young men and women who are attending college.

The library gives large opportunities for reading and selecting books for future use. It contains a large number of religious books such as Bible and Church Histories, Bible Dictionaries and Geographies, Commentaries, Maps and Charts to all of which the student has free access.

Note. Courses are so arranged that those who desire to remain longer than six weeks may, by special permission enter the regular courses.

## ENGLISH AND HISTORY

For description of these courses see pages 23 and 47; 29 and 48 respectively.

## MUSIC

For description of these courses see pages 82-95.

# SCHOOL OF MUSIC

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JOHN E. HARTZLER, President.

AMOS S. EBERSOLE, Director....Voice, Theory, Choral

SYLVIA BONTRAGER ..... Piano, Theory

OPAL McCOY ..... Harmony, Music History

ELVINA EBERSOLE ..... Voice, Solfeggio, Dictation

GERARD DINKELOO ..... Public School Music

INA K. SLATE ..... Public School Art

ISAAC CLAYTON KELLER ..... English

## GENERAL STATEMENT

Music is no longer considered a mere luxury for the select few but an essential part of the present day education. No education can be considered complete without a fair knowledge and appreciation of music. The reading and writing of music demands concentration and rapidity of thought and action and its value as a mental discipline is unsurpassed.

For those who wish to specialize in music as a profession there are now abundant opportunities in the public schools and colleges, and as private teachers, as soloists, evangelistic singers and as accompanists.

It is the particular aim of the School of Music to give thorough instruction in such practical and theoretical studies in music as will properly qualify the student for the profession as teacher and artist. The courses of study are especially designed, however, to meet the requirements of three classes of students.

First. Students who are candidates for a certificate or diploma in music.

Second. Students registered in the other departments of the college, taking some form of music as a part of their regular college course.

Third. Special students who may take one or more studies in this department, although not otherwise registered in the college.

Note: The two classes of students who are not candidates for a diploma in music may select any of the practical or theoretical subjects they desire for which they are qualified.

### ADVANTAGES OF MUSIC STUDY IN A COLLEGE

The College School of Music offers every advantage that private instruction can offer and many others both directly and indirectly. Here the student constantly mingles with others who are studying the same subjects and also with others who are studying in widely different fields. This creates an atmosphere at once conducive to effective work and broad culture. Ensemble work in theoretical subjects as well as in voice, piano, chorus and glee club are given most advantageously in a college school of music. Frequent recitals and lectures, literary programs, student activities, courses in other departments and other features of college life of great value are found here, many of which are open to the students of music without cost. The beginner in music is as readily accepted by the school as is the more advanced student.

### COLLEGE CREDIT FOR MUSIC

College credit to the extent of twenty-seven term hours is given for work in harmony, history of music, solfeggio and dictation II and other courses in the theory of music. Academy or high school credit is given for work in public school music methods, and public school art. The amount of work that normal students may take in music depends on the courses for which they register and the kind of teaching for which they are preparing.



## COURSES

- I. Teacher's Certificate Course.
- II. Diploma Course in Singing.
- III. Diploma Course in Piano.
- IV. Supervisors' Course in Public School Music and Art.
- V. Choristers' Course.

## TEACHERS' CERTIFICATE COURSE

This course is intended to qualify for a musical career as a private teacher or for conducting and teaching in institutions, normals, schools, etc. Outline of required studies is here given with the time required for the average student possessing a general knowledge of the elements of music at the start.

## FIRST YEAR.

- Piano and Voice, at least two half periods each per week.
- Solfeggio I.
- Ear Training and Dictation I.
- Harmony I.
- Vocal Expression.
- College or Academy Subject.
- Attendance at recitals and concerts.

## SECOND YEAR.

- Piano and voice.
- Solfeggio and Dictation II.
- Harmony II.
- History and Appreciation of Music.
- Choral.
- Church Music.
- College or Academy Subject.
- Part in Recitals and Concerts.

## THIRD YEAR.

(a) For students majoring in Piano.

Piano.

Harmonic and Formal Analysis.

Counterpoint.

Normal Piano Methods.

Sight Playing.

Ensemble.

Public Recital.

(b) For students majoring in Singing.

Voice.

Harmonic and Formal Analysis.

Counterpoint and Composition.

Vocal Methods.

Theory and Practice of Conducting Chorus.

Public Recital.

Foreign Language.

Choral.

## DIPLOMA COURSES

These courses are intended for those who wish to do more highly specialized work in piano and in voice than is possible in the shorter course. A diploma of graduation will be awarded those who satisfactorily complete either course as outlined below. Time required is from one to two years in addition to Course I.

## REQUIREMENTS

## 1. For Piano

Completion of Course I.

Continuation of Piano.

Counterpoint and Composition.

Accompaniments or Ensemble.

College Subject, optional.

Public Recital.

## 2. For Singing

Completion of Course I.

Voice Culture.

Repertoire Building.

Counterpoint and Composition.

College Subject, optional.

Public Recital.

## PUBLIC SCHOOL MUSIC AND ART

This is a two year course especially designed for prospective teachers and supervisors of music and art in the public schools. It consists of thorough and systematic courses in such subjects as are directly essential to successful teaching and supervising. It includes, besides Harmony, History of Music, Voice Culture and Piano, a study of suitable material for all the grades and the high school, and the best methods of presenting the same.

The city schools offer an opportunity for extensive observation. Some practice teaching is done in the class.

A year's work in art has been added to this course in response to the increasing demands for persons who can teach this subject in connection with music. While it is not obligatory, the student is strongly urged to take it, thus preparing himself, under expert direction and at little cost, for a better position and a much better salary.

## FIRST YEAR.

Piano and Voice, at least two half periods each per week.

Solfeggio I.

Ear Training and Dictation I.

Harmony I.

Public School Art, optional.

College Subject.

Recitals and Concerts.

## SECOND YEAR.

Piano and Voice.  
Solfeggio and Dictation II.  
Harmony II.  
History and Appreciation of Music.  
Public School Music Methods.  
Observation in City Schools.  
Psychology.  
Choral.  
Recitals and Concerts.

Note: Candidates for a certificate of graduation from this course must be graduates from a first class high school or its equivalent.

## CHORISTERS' COURSE

This course is designed for choristers, evangelistic singers, etc., who can spend only a short time in school. Talented students can complete the course in one year.

Studies involved are: Voice, Solfeggio, Ear Training and Dictation, Methods, one Bible and one Academy or College Subject.

## DESCRIPTION OF THEORETICAL COURSES

I. Harmony. T. F. Three Terms.

A study of scales, Intervals, Principal Triads, Cadences, connection of Triads, Harmonization of given Melody, Subordinate Triads, Inversions, Chords of Seventh and Ninth in Major and Minor, all classes of Discords, Modulation.

II. Harmony. T. F. Three Terms.

Modulation continued, Altered Chords, Mixed Chords (all forms of modulation), Enharmonic exchange, Suspension, Appoggiatura and Anticipation, Passing tones and Embellishment, Organ Point, Florid Melodies, Accompaniments, Chorales.

## III. Counterpoint.

W. Three Terms.

Counterpoint in one, two, three and four part writing, Double Counterpoint, Initiative, Homophonic—free writing for piano, violin, etc., String quartet. Prerequisite Harmony I and II.

## IV. Harmonic, Analysis.

T. F. First Half Year.

A study of Cadences, Modulation, Non-harmonic tones, etc., with special reference to harmonic construction, analyzing of works by Schumann, Chopin, Czerny, and others. Prerequisite Harmony I and II.

## V. Analysis of Music Form.

T. F. Second Half Year.

Study of fundamental details, figure and motive, the phrase, two and three part song form, first, second and third rondo form, sonatina, sonata, irregular forms. Prerequisite Harmony I, II and IV.

## VI. Counterpoint and Composition.

A course in advanced counterpoint; the canon at various intervals and the fugue in two, three and four voices; original composition.

## VII. History and Appreciation of Music.

T. F. Three Terms.

A study of the evolution and art of music beginning with the uncivilized and ancient peoples, continuing up through the mediaeval period, church and secular music, the classical, romantic and modern schools.

## I. Solfeggio.

M. Th. Three Terms.

A thorough drill in scale and interval singing, time subdivisions, and part-singing theoretical material essential to good sight singing.

**I. Ear Training and Dictation. M. Th. Three Terms.**

Oral and written melodic and rhythmic dictation within the key, in one and two parts, recognition of principal triads.

**II. Solfeggio, Ear Training, Dictation.**

M. Th. Three Terms.

A review of principles of Solfeggio I and a continuation thereof with more difficult exercises. Melodic dictation in two, three and four parts within the key. Identification of the various triads and sept-chords, Chromatic passing tones, Transitions and Modulations.

**Sight Playing and Accompanying. M. Th. Three Terms**

It is the aim of this course to develop in the student the ability to think clearly and act quickly, thus enabling him to play difficult music at first sight. The work is done in small classes in the piano studio. Some time is given to the study and practice of transposition. The art of accompanying will also be taken up, and will be made directly practical to the student by requiring at least one hour per week during two terms in the voice studio.

**Normal Piano Methods.**

W. Three Terms.

A course in elements and application of modern methods in teaching with special reference to children and intermediate grades. Particular phases will be emphasized by demonstration in actual teaching. Each student will be required to teach a selected pupil under observation of the class and direction of the instructor.

**Normal Vocal Methods and Conducting. W. Spring Term.**

Lectures and round-table discussions on various phases of voice culture and song interpretation, and practice teaching. Organization and conducting of choruses will receive serious consideration.



## Church Music.

W. Winter Term.

Informal lectures on the history, general character and present day usage of church music, with special reference to the hymn and congregational singing. Considerable attention will also be given to leadership in singing, song selection and various other practical phases of worship-music will be taken up.

## Public School Music Methods.

T. F. Three Terms.

Purpose of public school music, problems and methods in the primary grades; the intermediate grades; the grammar grades, rote songs and how to teach them, the child voice, monotones, from the song to notation, sight reading, tone thinking, rhythm, beating time, song interpretation, individual singing, part singing, how to conduct the music period, supervision, relation of supervisor to superintendent and teachers, material for all occasions, high school course, glee club, chorus and orchestra, observation in city schools, etc. The student must be able to sing the music to be used at sight.

## Public School Art. Double Period. M. Th. Three Terms.

This course will present the study of nature, still life and life drawing, decorative design, perspective, color theory, and primary instruction as used in public school work, with the best methods of their presentation. Also the psychology of art, and the principles of supervision.

## PRACTICAL COURSES

It is impossible to give a definite outline of the courses of study in singing and in playing for the reason that they vary more or less for each student according to his individual requirements.

The following outline of studies for the piano and the voice indicate the standard of technical difficulty in the various grades. The time required is usually three or four years for the average student having some knowledge of the elements of music to begin with but much depends upon the ability of the individual to make progress.

## PIANO

"Few, even among educators, estimate at its true worth the immense organic training involved in the art of piano playing. Quite aside from the value of the Music and its spiritual enlightenment, a boy (or any person) gains so much in the general perception, in actual development of hands and eye, in quick muscular response to an intellectual purpose, that the mastery of the piano is worth while in and for itself. It is manual training of the first order in addition to being an art which opens up such a large avenue for self-expression, and supplies one more vital interest for the enrichment of daily life." From "What is it to be Educated?", by C. Hanford Henderson.

## I. FOR THE TEACHERS' CERTIFICATE COURSE.

## Elementary.

Technical exercises, Scales, Studies, Sonatinas and pieces by Clementi, Kuhlau, Kullak, etc.

## Intermediate.

Technical exercises, Scales, Arpeggios, Double Thirds, Octaves, Studies by Czerny, Cramer and Clementi, Sonatas and pieces by Haydn, Mozart, Bach, Schumann, etc.

## Advanced.

Studies by Clementi, Czerny and Chopin, pieces by Bach, Beethoven, Chopin, Schumann and modern composers.

## II. FOR THE DIPLOMA COURSE.

Advanced studies by Chopin, Liszt, pieces by Bach, Beethoven, Brahms, Modern Composers, including concerto from the following: Beethoven, Chopin, Saint Saens, Tschaikowsky, MacDowell.

## PIANO LESSONS FOR CHILDREN

These lessons will be given by the regular instructor in piano, who has made a special study of this department. They are twenty-minutes in length, and may be taken after school or on Saturdays. A special rate of tuition is given. See Expenses, page 124.

## VIOLIN

The School of Music does not offer courses in violin, but arrangements can be made with private teachers for those who wish to study this instrument.

## SINGING

Cultivation of the voice in singing as well as in elocution is now being regarded as an important branch of education by the leading men of our colleges and universities. Yet, perhaps no cultural subject has been more neglected. To sing well requires a thorough knowledge of the voice and how to use it. Hence the formation of a good technical foundation is of first importance. It is the further aim to develop interpretative ability and to cultivate in the student an artistic taste and an appreciation of the best works of art.

## I. FOR THE TEACHERS' CERTIFICATE COURSE.

## Grade I.

Principles of breathing as applied to Tone production, Voice Placing, Vocalization, Enunciation, Elementary Vocalises and suitable songs.

## Grade II.

Principles of grade one continued according to the requirements of the individual pupil. More difficult technical exercises and songs, Ensemble.

## Grade III.

Advanced Vocalization, Interpretation, Ensemble. Repertory, Songs from Schubert, Franz, Brahms, Greig, Wolf, MacDowell and others.

## II. FOR THE DIPLOMA COURSE.

Masterpieces of Vocalization, Interpretation, Repertory. For graduation the student must have a repertoire as follows: Five songs, each Schubert, Schumann, Brahms, Franz, and Rubenstein or equivalent. Ten songs by modern foreign composers; twenty-five songs by American composers. Must know the solos for his voice in three oratorios to be selected by the teacher.

### THE PHILHARMONIC CHORUS

This organization has an active membership of fifty men and women and meets once a week throughout the school year for rehearsal. Standard choral works of a varied nature are studied and rendered in public concert each year. Some of the oratorios studied are "The Redemption" (Gounod), "The Messiah", "Acis and Galatea", "St. Paul", "The Creation". Also many single chorus numbers.

Regular music students with the proper qualifications are required to sing in this chorus.

### THE COLLEGE GLEE CLUB

This organization is composed of a body of sixteen men from all departments of the college. Regular weekly rehearsals are held throughout the year. A number of concerts are given in surrounding cities and towns during the winter and spring terms. All men with sufficient singing ability are eligible for application for membership.

### THE GIRLS' GLEE CLUB

An organization similar to that of the Men's Glee Club has been brought forward for the benefit of the talented young ladies of the college. All girls with sufficient singing ability are eligible for membership.

## THE PIANO QUARTET

This quartet is composed of persons selected from the advanced classes of the piano department. Weekly rehearsals are held and occasional public performances are given.

## SPECIAL TUITION

The following reduced prices are given to those taking a complete course in Music as outlined.

Voice or Piano:

24, 25 minute lessons .....\$26.00

24, 25 minute or 12, 50 minute lessons .... 14.50

Voice under Assistant:

24, 50 minute lessons ..... 21.00

24, 25 minute or 12, 50 minute lessons .... 11.00

Choral, listed Theoretical subjects (Public School Music Methods and Art not included), one Academy or College subject and piano rent three hours daily, \$15. Third year, \$17.00.

## GENERAL INFORMATION

All the students of the School of Music are subject to the general college regulations.

Students or those contemplating study are invited to consult freely with the Director relative to their work or plans for work. Special arrangements will be made for the convenience of those who wish to come to the School of Music for private lessons only.

Frequent lectures and recitals by members of the faculty and prominent lecturers and musicians from outside of the school and also student recitals are given during the year.

No student is permitted to miss lessons or practice or to be absent from recitals without sufficient excuse.

Lessons missed by temporary absence and those falling regularly on legal holidays and on the last two days of a term may be made up at the convenience of the instructor, or cancelled. Regular students may select one college or academy study each term without extra tuition.

Those who wish to finish the Teachers' Certificate Course must be students of the School of Music for at least three terms. For the Diploma Course four terms.

The school is equipped with six good upright pianos and one new Stieff Artist Grand. These are supplemented by as many as are needed from the city music store. All the pianos are placed in commodious studios and practice rooms in Kulp Hall, Science Hall and the Administration Building. Recital halls and a large concert hall are at the disposal of this department of the college.

Courses in Voice, Piano, Harmony and Public School Music will be offered during the summer.

For special information regarding the School of Music write or call on the Director, Mr. Amos S. Ebersole, Goshen College School of Music, Goshen, Indiana.



# SCHOOL OF BUSINESS

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JOHN E. HARTZLER, President.

JOHN E. WEAVER, Principal .....

..... Bookkeeping, Shorthand, Arithmetic

VINORA WEAVER ..... Shorthand, Typewriting

EZRA S. DETER ..... Bookkeeping

MARY HOOLEY ..... Grammar, English

WILLIAM B. WEAVER ..... Economics, Civics

The time required for the completion of a business course depends upon the ability and previous training of the student. The schedule below cannot be strictly adhered to since a high school graduate might complete the course in much less time than an eighth grade student. Credit will be given for work done in other schools after investigation of work done.

Diplomas will be granted to those who satisfactorily complete the work outlined below in the two year courses.

Those completing the one year course either in Bookkeeping, Shorthand, or a combination course, will be granted certificates for the work actually done.

## DIPLOMA COURSE

FIRST YEAR.		
FIRST TERM	SECOND TERM	THIRD TERM
Bookkeeping I.....	Bookkeeping II.....	Bookkeeping III.....
Business English.....	Correspondence.....	Spelling.....
Economics.....	Economics.....	Economics.....
Com. Arithmetic.....	Commercial Arithmetic	Com. Geography....
SECOND YEAR		
FIRST TERM.	SECOND TERM.	THIRD TERM.
Bookkeeping III.....	Bookkeeping IV.....	Bookkeeping IV.....
Shorthand I.....	Shorthand II.....	Shorthand III.....
Typewriting.....	Typewriting.....	Typewriting.....
English.....	English.....	English.....

## CERTIFICATE COURSES

## ONE YEAR BOOKKEEPING COURSE.

FIRST TERM	SECOND TERM	THIRD TERM
Bookkeeping I.....	Bookkeeping II.....	Bookkeeping III. ....
Typewriting.....	Typewriting.....	Typewriting.....
Business English.....	Correspondence ... ..	Spelling & Penmanship
Com. Arithmetic.....	Commercial Arithmetic.	Com. Geography.....

## ONE YEAR SHORTHAND COURSE.

FIRST TERM	SECOND TERM	THIRD TERM
Shorthand I.....	Shorthand II.....	Shorthand III .....
Typewriting....	Typewriting.....	Typewriting.....
Penmanship.....	Dictation I.....	Dictation II.....
Business English.....	Correspondence.....	Spelling.....
Com. Arithmetic ...	Commercial Arithmetic	Com. Geography....

## PROGRAM OF COURSES

## Bookkeeping I.

M.—F. Fall Term.

A budget is used which trains the pupil in the art of recording the simple transactions used in a single proprietorship business. The papers used in the business practice are those in common use in any small grocery business. The prices are simple and the calculations easy so that the pupil may become familiar with the nature and purpose of the transaction rather than the dollars and cents involved.

## Bookkeeping II.

M.—F. Winter Term.

The second set of Bookkeeping and Accountancy takes up a partnership wholesale business. Special rulings and columns are illustrated. The accounts and principles are very similar to those used in any wholesale grocery business. Special supplementary exercises are given throughout the course.

Those interested in Agriculture may take a set of farm bookkeeping instead of the wholesale grocery set.

**Bookkeeping III.****M.—F. Spring Term.**

The third budget represents a commission business conducted by a corporation. Enough supplementary exercises are given to show the pupil the method of opening and closing the books of a corporation. Two of the special features of this set are: The Account Sales Register and the Cash Journal both originated by the author of the system and now extensively used in actual business.

**Bookkeeping IV.****M.—F. Three Terms.**

While three budgets give the student a practical knowledge of the essentials involved in ordinary bookkeeping, we offer advanced work in Banking, Manufacturing, Real Estate and Agriculture.

**Business Penmanship. M. W. F. Fall and Spring Term.**

The Palmer System is taught which gives the student a plain, legible style well suited to business needs. (Required of all business students.)

**Commercial Arithmetic. T.—F. Fall and Winter Terms.**

A thorough and comprehensive knowledge of the science and application of the principles of Commercial Arithmetic are essential to rapid promotion in office work. The subject is made practical and interesting by emphasizing only those phases which the business man in any profession needs.

**Commercial Law.****T.—F. Spring Term.**

This course gives the student sufficient knowledge of laws relating to commerce that he may conduct his own business with confidence. The work is made interesting by practical applications and supplementary assignments. Not given 1917-18.

**Commercial Geography.****T.—F. Spring Term.**

In this course are studied the various factors that control and influence commerce. Attention is given to the mining and production of raw materials, to the process of manufacture, to the establishment of large cities and to the tracing of the main trade routes of the world.

**Shorthand I.****T.—F. Fall Term.**

In this course the elementary and fundamental principles of the Gregg System are thoroughly mastered. The first twelve lessons of the Gregg Manual are covered. The "Gregg Writer" is used for supplementary work. Much drill and repetition are necessary to the acquisition of a shorthand vocabulary.

(Will be given each term if there is sufficient demand.)

**Shorthand II.****T.—F. Winter Term.**

The work in the Manual is reviewed and completed during the first few weeks but the text of this term is Gregg Speed Practice, a collection of classified business letters with vocabulary. These letters are practiced over and over by the student until they can be written with accuracy and speed. Phrase writing is an important feature of this course.

**Shorthand III.****T.—F. Spring Term.**

This course continues the work of Shorthand II. More attention will be given to speed and the technical terms used in the various professions.

**Dictation I.****M. W. F. Winter Term.**

This course accompanies Shorthand II. The Dictation book is in the hands of the instructor only and consists of business letters graded to conform to the advancement of the class. These letters are written, transcribed and handed in. The emphasis in this course is placed upon the student's ability in reading his own notes. Supplementary work in the reading of well written magazine articles is a helpful feature.

Dictation II.

T. Th. Spring Term.

Accompanies Shorthand III and continues the work in Dictation I. The Dictation matter is taken from such lines of work as the student prefers as railroad, insurance, civil service or court reporting.

Business English.

M.—Th. Fall Term.

This is a course in practical applied English. It gives essentials that lead to ready and correct expression of thought. Much attention is paid to the discrimination in the choice of words. The student is given exercises which require original work and prepare him for the correspondence course which follows.

Correspondence.

T. Th. Winter Term.

All business men realize the value and importance of a neatly written and well constructed letter. The ability to write such a letter is considered an important qualification of a good stenographer or bookkeeper. This course prepares students to meet the demand by giving practice in the writing of all kinds of business letters, according to the latest and best methods.

Spelling.

T. Th. Fall and Spring Terms.

A man may have a good general education and be a poor speller but the stenographer or bookkeeper who cannot spell need not expect to hold a good position. This course emphasizes not only the spelling of words but their pronunciation and meaning.

#### TYPEWRITING.

We teach touch typewriting in a thorough systematic manner. The keyboard is first well memorized so that any key may be struck without raising the eyes from the copy. The student is then ready for the drills and practice as outlined in the 'Expert Typewriting'—the manual used throughout the course. The Underwood and L. C. Smith machines are used and fitted with shields which cover the entire keyboard and which aid the student in acquiring the touch system.

# SUMMER SCHOOL

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## FACULTY FOR 1917

JOHN ELLSWORTH HARTZLER,  
President of the College.

DANIEL S. GERIG,  
Acting Dean and Professor of German.

JONATHAN MELVIN KURTZ,  
Professor of Physical Sciences.

JOHN J. FISHER,  
Assistant Professor of Philosophy and Education.

C. B. BLOSSER,  
Professor of Botany and Agriculture.

WILLIAM B. WEAVER,  
Instructor in History and Social Science.

AMOS S. EBERSOLE,  
Professor of Voice and Theory.

AMANDA EBERSOLE,  
Instructor in Home Economics.

NAOMI BRENNEMAN,  
Instructor in English.

INA K. SLATE,  
Instructor in Public School Drawing.

BERTHA MACKENZIE,  
Instructor in Methods and Observation.

JOHN E. WEAVER,  
Instructor in Commercial Branches.



The aim of the school is to place the equipment of the College at the service of those who cannot attend at other times and to meet the needs of the following classes: (a) College student who desires to make advanced credits; (b) Common School and High School teachers, and (c) High School students who wish to make credits during the summer months.

The courses are changed from year to year in such a way as to make the work of one summer session continuous with that of the next. This is particularly true of advanced college and normal courses. Students are advised to pursue systematic work extending over several years.

The Nineteenth annual Summer School, to be held June 11 to August 24, 1917, offers the following courses of instruction:

1. Agronomy ..... Professor Blosser
2. Vegetable Gardening ..... Professor Blosser
3. General Botany ..... Professor Blosser
4. Introduction to English Literature..M.ss Brenneman
5. Nineteenth Century Literature .... Miss Brenneman
6. American Literature ..... Miss Brenneman
7. Normal Grammar ..... Professor Gerig
8. German, Beginning ..... Professor Gerig
9. German Reading Course ..... Professor Gerig
10. Normal Geogarphy ..... Professor Kurtz
11. Normal Arithmetic ..... Professor Kurtz
12. Physiology ..... Professor Kurtz
13. English History ..... Mr. Weaver
14. American History ..... Mr. Weaver
15. Modern European History ..... Mr. Weaver
16. Educational Psychology .... Asst. Professor Fisher
17. Methods of Teaching ..... Asst. Professor Fisher
18. Rural Education ..... Asst. Professor Fisher
19. Primary Methods and Model Schood.Miss MacKenzie
20. Sewing ..... Miss Ebersole
21. Cooking ..... Miss Ebersole

22. Household Management and Sanitation Miss Ebersole
23. Bookkeeping ..... Mr. Weaver
24. Shorthand ..... Mr. Weaver
25. Typewriting ..... Mr. Weaver
26. Penmanship ..... Mr. Weaver
27. Public School Music ..... Professor Dinkeloo
28. Eartraining and Dictation ..... Professor Ebersole
29. Harmony ..... Professor Ebersole
30. Chorus ..... Professor Ebersole
31. Private Lessons in Voice ..... Professor Ebersole
32. Private Lessons in Piano ..... Miss Bontrager
33. Public School Art ..... Mrs. Slate
34. Private Lessons in Art ..... Mrs. Slate

The next annual session of the Summer School will open June 10, 1918, and will continue twelve weeks. The above outline of courses indicates the range and nature of the work offered each summer. The growth in attendance from summer to summer insures a corresponding expansion of courses in number and variety.

Write for Special Summer School Bulletin.

GOSHEN COLLEGE, Goshen, Indiana.

# CORRESPONDENCE DEPARTMENT

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The satisfactory completion of the following courses will be credited in the regular departments of Goshen College. Those deprived of school privileges can find practical help by mastering these courses at home. Students can make up extra credits during vacation or when required to be out of school for some time.

- I. Elementary New Testament Greek.      Three Terms.  
I. R. Detweiler.

This course is for beginners in N. T. Greek. It presents the essential facts and most elementary principles of the language. It contains memory work in the vocabulary and thorough drills in grammatical forms. There are easy exercises in reading and writing Greek. The student will read John's first epistle and four chapters of his Gospel, with other selections, and receive some practical experience in the use of Greek lexicon. The tuition is \$7.50 per term. The main text book is Huddelston's Essentials of New Testament Greek, 75 cents, postpaid. For the third term the following are also needed: Westcott and Hort's New Testament in Greek, \$1.00; and Thayer's Greek-English Lexicon of the New Testament, \$5.00 postpaid.

- Latin I.      Ephriam Zook.

I. First year Latin (three terms).—This course offers the full equivalent to the first year's work in Latin as outlined in the resident Academy course. The work of each unit corresponds to the work of one term. The tuition is \$7.50 per term, and the text book for two terms is \$1.00 postpaid.

First Term. Collar and Daniell's First Year Latin to page 91.

Second Term: The same text, pages 92 to 170.

Third Term: Easy Latin Reading with review of forms and syntax.

German II. Three Terms.

Daniel S. Gerig.

This course is outlined to cover fully the amount of work usually done in the second year of resident work.

Each term's work may be taken independently of the others. This arrangement will enable students who are in any way deficient in the first two units of modern language to make up the deficiency through correspondence. The tuition is \$7.50 per term and the text-book for the first term is 70 cents postpaid.

III. German. Three Terms.

Daniel S. Gerig.

This is primarily a reading course corresponding to course III in residence. It aims at the acquisition of the foundation of idiomatic German on the basis of the language of the works studied. Special attention is given to the literary side of the work as well as to the individual merit of the author. Works from Goethe, Schiller, Heyse and Storm form the basis. Each term can be taken independently of the other. Tuition per term, \$7.50. Credit per term, three hours.

IV. German. Prose Composition.

Two Terms.

Daniel S. Gerig.

Through the reproduction of ordinary narrative English into German and by means of original composition, the student is led to appreciate the difference between the idioms of the two languages. The course provides a comprehensive review of grammar and syntax of the language. Tuition per term \$7.50. Credit per term, three hours.

New Testament.

One Term. I. R. Detweiler.

A Study of the Gospel of John.

This is a thorough inductive study of the fourth Gospel. The Gospel is carefully outlined after each division is studied in relation to the Gospel as a whole. The work done in this course is equivalent to a three hour course. It is presented in thirty seven lessons. The tuition is \$7.50. There is no additional expense aside from postage.

#### GENERAL INFORMATION.

The payment of tuition and text books is required with order. All remittances should be made by bank draft or money order, made payable to the instructor offering the course. The student pays the postage both ways in recitation papers.

Full directions are given with the lessons so that the student need not be in doubt as to what is expected of him or as to how he is to proceed with his work. He can begin at any time and work as fast or slow as his time or ability will permit for a thorough mastery of the lessons. The time limit for the completion of any one of these courses is one year, after which the student forfeits his right to further correspondence. Further information can be had by writing to the instructors offering the courses.

# GENERAL INFORMATION

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## HISTORY AND ADMINISTRATION

Goshen College had its beginning in the Elkhart Institute, Elkhart, Indiana, in 1895. In 1896 its own building was erected and dedicated. In 1898 the institution was incorporated under the laws of Indiana. In 1901 the Constitution of the Association was amended so as to allow a board of twenty-five instead of nine members. These were distributed throughout the church. In 1901 a committee appointed by this board to secure a more favorable location and a larger campus, selected the present site in the southern part of the city of Goshen, Indiana. Here the school was opened in the rooms of East Hall, September 29, 1903. The Administration Building was dedicated January 8, 1904.

To make the school a church institution the private stockholders donated their shares to a Board of Trustees now known as the Mennonite Board of Education. This Board was organized November 16, 1905. The property was transferred to it in February, 1906. Goshen College is controlled by the Mennonite Board of Education. The business and prudential affairs of Goshen College are managed by an Executive Committee consisting of the President, Dean and five other members appointed annually by the Mennonite Board of Education.

## LOCATION

Goshen is a residential city of ten thousand people located on the main line of the New York Central Railroad, one hundred and ten miles east of Chicago, and the Louisville and Benton Harbor branch of the Big Four. The Northern Indiana and Winona Interurban railways maintain an hourly service through Goshen to the north, south and west. The Elkhart River, which is noted for



its beauty flows through the city and in its valley lies one of the richest farming communities in Northern Indiana. The college campus consists of ten acres of ground located in Parkside, a beautiful suburb of the city. There are no saloons in the city.

### AIM

The aim of Goshen College is expressed in its motto, "Culture for Service". Through culture the student shall develop his life physically, intellectually, socially, morally and spiritually. Due attention is given to each as it is of importance in the life of the true man and woman. Religion is not made incidental in the institution, but is to pervade in its life and spirit. The end and aim of culture is to do, and not simply to be or know.

### CAMPUS AND BUILDINGS

The campus of Goshen College consists of ten acres beautifully located in Goshen College addition to the City of Goshen.

The Administration building is a commodious four story, stone and brick structure. It contains modern well lighted recitation rooms, offices, library, reading rooms, assembly hall, commercial rooms, gymnasium and cloak rooms.

The new Science Hall is a large four story brick structure built on the most approved lines for the work in general science, agriculture and home economics. The entire building is well lighted and the laboratories are commodious and completely equipped with apparatus for the various lines of work. Aside from laboratories it also contains one lecture room, a number of classrooms, offices, a green house and museum.

Kulp Hall is a stone and brick building three stories above basement. It contains a students' dining hall, reception room, Matron's rooms and music studio together with practice rooms. The second and third floors contain rooms for young women. The building is well furnished.

East Hall is a two story frame building located just north of the college campus. It is divided into three separate apartments and has furnished rooms for young men. The care of the rooms is in charge of a competent matron and each apartment has its own master.

These buildings are heated from a central plant. All are supplied with hot and cold water. Gas and electricity are supplied in all the rooms.

### LIBRARY

The College Library consists of over five thousand carefully selected volumes distributed in subject matter among the different departments of instruction and books of general cultural interest. New books are constantly added through a special library fund and also by the Students' Library Association. These agencies have added more than 300 volumes during the year. The library is classified and catalogued according to the Dewey system and has every aid to make it of practical value to the student. The reading room is supplied with daily and weekly periodicals and the most important magazines. During the day the students have free access to the stack room and reference books may be consulted at any time.

The Mennonite Historical Library is a collection of books on Mennonite history and literature. It has been donated to the college by the Alumni Association and private individuals.

The city of Goshen has a large and well equipped Carnegie Library of 15,000 volumes to which the students have free access.

## THE LABORATORIES

The new Science Hall contains a large number of laboratories with modern equipment for both general and special scientific work.

**Chemistry.**—The three chemical laboratories located on the third floor are provided with forty individual students' desks for experimental work in general Chemistry, twenty-four in Qualitative Analysis and Organic Chemistry and sixteen in Quantitative Analysis. The desks are fully equipped with gas, water and re-agent bottles. Each laboratory has a number of evaporating hoods. A large supply room adjoining the general laboratory contains the necessary chemical and apparatus supplies.

**Physical.**—The Vesperian Laboratory for Physics and Astronomy also on the third floor is provided with the necessary physical apparatus for both Academy and College work in mechanics, heat, light, sound, electricity and magnetism. It is well supplied with water, gas and electricity. A dark room is equipped for photometry and other experiments in light. A three and one-half inch telescope equatorially mounted and controlled by a modern Gaertner driving clock is used in astronomical work.

**Biological.**—The Biological Laboratory in addition to the usual furnishings is equipped with demonstration cases, a rack for insect cases, a large collection of mounted insects, bird skins, vertebrate skeletons, dissections in alcohol, life histories in alcohol, compound microscopes, microscopic slides, charts, models and a human skeleton. There are also a number of books for reference.

**Agricultural.**—The Agricultural Laboratories are furnished with desks, tables, hoods and other equipment sufficient to accommodate at least fifty persons at one time. Every convenience will be provided for both practical and experimental work. A large green-house adjoins the laboratory to the south which will afford opportunity for experimental work for both summer and winter.

**Dairy Laboratory.**—The Dairy Laboratory is fully equipped for practical and experimental work in milk testing, separating and butter making. The leading modern dairy machinery will be placed on the floor by different companies for trial and inspection by the students. A large store room with refrigerator is provided.

**Domestic Science.**—This laboratory is equipped with the best and most efficient furniture, electric equipment, gas range and plates, cabinets and refrigerator will be installed. A convenient dining room is provided on the same floor where practical experience will be gained.

### MUSEUM

In the Museum which is on the second floor of the Science Hall, there are exhibited various things of interest such as fossil remains of animals, minerals, oriental costumes, Indian relics. Of especial interest is the India collection which represents more or less completely the life and customs of the central provinces of India. Gifts to the Museum are always appreciated, and plans are being made to protect with suitable cases all new material.

### GYMNASIUM.

A large room with high ceiling in the basement of the main building is devoted to physical exercise. It is equipped with ladder, spring board, suspended rings, Indian clubs, Dumb-bells and other equipment. A bath room with shower baths and dressing rooms adjoins the gymnasium.

### ATHLETIC FIELD

The athletic field contains a sixth-mile track, baseball diamond and tennis courts. The Elkhart river runs near the college and affords opportunity for skating, rowing and swimming.

### COLLEGE FARM

The college owns a sixty-acre farm in the vicinity. Some students may find employment on it to aid in defraying expenses at school and some of the farm products are used in the college dining hall.

## ARRIVAL OF STUDENTS

Due notice should be given of the time and train on which students arrive, so that they may be met at the depot.

Students should leave their baggage at the depot, take the street car, going west from the depot and ask for a transfer to Goshen College, where arrangements can be made for room and board.

## REGISTRATION

1. On registration day at the beginning of each term every student (both old and new) must obtain in person at the Registrar's office, a registration card.

2. This card the student presents to the Head of the Department in which he desires to enroll.

3. The Head of the Department enters upon this card the subjects desired by the student, except for college Juniors and Seniors, who register with their major professor.

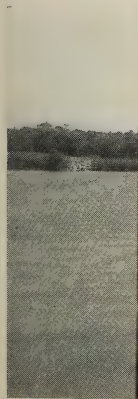
4. The student next presents this card to the several instructors whose courses he wishes to enter and the instructor affixes his signature opposite his course.

5. When each instructor's signature has been obtained, the student presents the duly signed card at the Business office and settles for tuition and other fees.

6. When a student fails to file his card at the Business office before the close of the opening week of school a fee of fifty cents will be added to the tuition.

7. All accounts are due in advance.

8. All matriculated students who register later than the second day of each term will be charged a fee of one dollar (payable to Registrar on issuing of card) for registration.



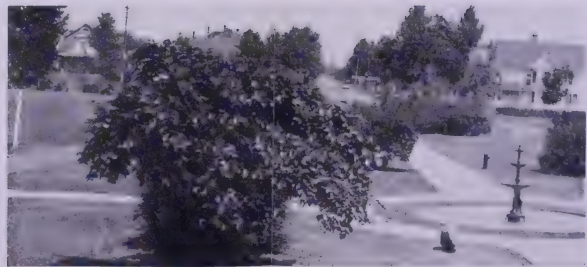




SCIENCE HALL AND ADMINISTRATION BUILDING — GOSHEN COLLEGE



SCENE ALONG ELKHART RIVER



CAMPUS AND PARKSIDE

9. New students after obtaining a registration card at the office of Registrar, must present themselves at the President's office for matriculation.

10. All students entering the institution for the first time are charged a matriculation fee of one dollar.

### COURSES OF STUDIES

This catalogue gives a complete outline of the courses of studies offered by Goshen College. Any one desiring to begin a particular branch of study should note carefully the catalog the date on which such branch begins in the regular course. Extra classes may be formed when six or more students desire to take the same study at the same time. Correspondence is invited when any special study is desired.

### CHANGE OF STUDIES

Changes of studies must be authorized by the Head of the Department in which the student is enrolled. Any subject once taken up cannot be dropped without the consent of the Head of the Department in which the student is enrolled.

### EXTRA WORK

Students are not allowed to register for more than the regular number of hours constituting the work of any department without the permission of the Committee on Extra Work.

Application for extra hours must be made on special blanks obtained at the Registrar's office and applications must be handed to the Chairman of the Committee on Extra Work during Registration Days.

When more than one additional hour is taken, additional tuition is charged at the rate of one dollar and twenty-five cents per term hour in the Academy and one dollar and seventy-five cents in the College except in case where extra tuition is already due for the course taken.

### EXAMINATION AND GRADES

Written examinations are given at the end of each term and during the term at the discretion of the instructor. The student's work for the term includes recitation, written work and examinations and is graded as follows: A, B, C, D, E, are passing grades; F, may be passed upon another examination; G, Failed.

### REPORTS

A report of each student's work will be sent at the end of each term to the parent or guardian of the student, upon request to the Registrar.

### DIPLOMAS

Diplomas will be given to all students who finish the work outlined in the College, Normal, Academy, Regular Bible, Business, Regular Music, Agriculture courses, on condition that they have been students of the college at least one year.

### CERTIFICATES

Those who have completed the English Bible, Chorister's Course, Reed Organ, Domestic Science, Business, Public School Music courses and "A" and "B" Class Normal courses will be given certificates showing the work actually done.

### DISCIPLINE

It is the aim of the Faculty to maintain such discipline as will make it possible for the students to do their best work and form good habits of conduct. The Dean and Dean of Women enforce the regulations as outlined by the Committee on Rules and Discipline and try to aid each individual student, by advice and criticism, to cultivate that spirit which seeks not only that which is best and noblest for self, but which has even a greater concern for the highest welfare of every member of the school.

## ROOMS

The young women are required to room at Kulp Hall except when excused by the Dean of Women. Modern conveniences and homelike surroundings are features that make it a very desirable home for young women.

The young men may find rooms in East Hall or in approved private homes near the college.

Groups of young men are not permitted to take rooms except in houses in charge of approved matrons.

## RULES

## I. All students are required:

1. To attend chapel every day.
2. To abstain from the use of tobacco, card playing and profane language in the vicinity of the College.

## II. Non-resident students are required:

1. To attend Sunday school and one church service each Lord's day at their regular place of worship.
2. To be in their rooms at 8 p. m. except, (a) on Saturdays, when the time is extended to 10 p. m. (b) when attending church services; (c) when attending meetings at the College, after which services or meetings they shall go immediately to their rooms.
3. Lady students shall not receive gentlemen callers at their rooms.
4. Students shall select rooms from among those approved by the Faculty.
5. Lady and gentleman students shall not take rooms in the same home.

## STUDENT ORGANIZATIONS

## THE STUDENTS' COUNCIL

In order to facilitate the most helpful relations between the Faculty and student body a Students' Council composed of representatives from the various classes and religious organizations has been organized. This Council represents the students in a sympathetic cooperation with the Faculty in maintaining the best standards of College life and work. We believe that this plan has been the means of securing the feeling of good-will so evident between Faculty and the students.

## RELIGIOUS

The Young People's Christian Association, a religious organization of students, doing aggressive Christian work, has the general oversight of the religious work among the students and provides for other legitimate needs of student life.

Devotional meetings which are a source of inspiration and general help to all students, are held every Thursday evening. Frequent Missionary topics are discussed at these meetings and problems of personal religion are often considered. A special effort is made to help students form the habit of regular devotional Bible study and for this purpose Bible classes are organized which meet every Tuesday evening for review of the daily studies. These courses continue throughout the whole of the Academy and College work and cover much of the Old and New Testament. There are also several classes for the study of home and foreign missions. These meet every Tuesday evening for a discussion of the week's studies. By means of these studies the students become familiar with the needs and call of the home and foreign mission field.

Two mission bands (home and foreign) meet regularly on alternating Sunday mornings of the school year to study systematically the various subjects necessary for



a complete knowledge of the home and foreign mission fields. Volunteers for missionary service find these bands a source of great help.

The Association also devotes part of its energy to student work. New students are met at the trains, assisted in finding suitable rooms and given every possible assistance in beginning their work. An employment bureau makes it possible for students to earn a large part of their expenses.

### LITERARY

Four College and two Academy Literary Societies conducted by students, are in successful operation under the general supervision of the Faculty. They give ample practice for original composition and public speaking.

College.—The Adelphian and Aurora Societies are for the men and Vesperian and Avon Societies for the women of the College Department. They have separate meetings every Monday evening and on Friday evenings they unite their efforts in presenting four public programs each term. These societies are maintaining high standards in their work.

Academy.—The Ciceronian Society is for the young men of the Academy. It affords good training in logical debate and parliamentary law.

The Philomathian Society is open to all young women of the Academy. It affords opportunities for practice of music, reading and original composition.

Joint meetings, open to the public, are held by the Academy Societies on Friday evenings twice a term. Separate meetings are held by each society every Monday.

### STUDENTS' LIBRARY ASSOCIATION

The Students' Library Association is organized for the purpose of adding books to the library established by the Association. The Association draws on the funds of the



literary societies for its support, and only members of the literary society are members of the Students' Library Association.

### STUDENTS' LECTURE ASSOCIATION

The Students' Lecture Association is organized for the purpose of conducting a course of lectures for the benefit of the students. The literary societies furnish the necessary funds for the course.

### ORATORICAL ASSOCIATION

The Oratorical Association is composed of students interested in Debating and Oratorical work. The membership is limited to the interclass and intercollegiate debating teams and orators in the intercollegiate Peace Oratorical Contest.

### CHEMICAL SOCIETY

The Chemical Society meets once each school month to discuss scientific subjects related to chemistry. Membership is limited to students, professors, and alumni of Goshen College who have done or are pursuing work in Chemistry beyond the first year.

### ALUMNI ASSOCIATION

The Alumni Association of Goshen College was organized April 13, 1901. Its object is "to maintain school friendship and a strong school spirit, to further the interests of the institution it represents, and to promote higher education." The Association has an endowment fund, the income of which in the past has been used to purchase books for the Mennonite Historical Library. These books were donated to the college. The collection is one of the most valuable of its kind in America.

### GOSHEN COLLEGE RECORD

The Goshen College Record is published monthly by a staff selected from the student body. Appointments are made each year by the Committee on Publications.

It is the aim of the paper to serve as a medium for literary work, to record the more important happenings of the college year and to afford a means of communication between the institution and the former students as well as the outside world.

The material for its columns is diversified enough in its selection to make it serve as an exponent of the different activities and interests of school life.

### TEXT BOOKS

Text books are for sale at the College Book Exchange. A limited number of books that will be used the following year will be bought from students by the Exchange.

### PHYSICAL CULTURE

Provisions are made for the proper forms of Physical Culture of the student. During the Fall and Spring terms outside sports and games are encouraged.

### COLLEGE DINING HALL

It is the purpose of the managers of the College Dining Hall to furnish a plentiful supply of wholesome food at the lowest possible rates. Board in private families can be secured near the College by those who desire such accommodations.

### STUDENTS' SELF HELP

Young people who lack sufficient money to pay all expenses will find many opportunities in Goshen to earn money while attending college. The College gives employment to a member who are doing tutoring, library, janitor or dining room work. All young women desiring to earn money have been able to get work to pay room and board. Young men find places in private homes to earn room and board or get work on Saturdays as clerks. The College can do very little in securing promises of work before the person arrives. Employers wish to see the applicant before making promises.

### SCHOLARSHIPS

Provisions are made through scholarships, to assist worthy students who are preparing for general mission or church work. During the past year twenty students have received all or a part of their tuition from these funds. Students desiring assistance through these scholarships, should make application to the scholarship committee, appointed from the Faculty.

The firm, Lewis & Jacobs, of Goshen, offers \$50.00 annually as scholarships to be granted by the College to qualified students entering the School of Agriculture.

### PRIZES

Hon. B. F. Deahl, of Goshen, annually offers two prizes of fifteen and ten dollars each to the winner of the local Peace Oratorical Contest.

### ENDOWMENT FUND AND BENEFITS

The Endowment Fund of Goshen College has become an important factor in meeting the expenses of the school and consists of the obligations of responsible individuals, paying an annual income. Some of these obligations have been paid in full and the money invested. Miscellaneous donations are applied as specified, and at the descretion of the officers of the Faculty and Executive Board.

Several wills have been made recently in favor of Goshen College. In such donations the following form should be used. "I hereby give, devise and bequeath to the Mennonite Board of Education, the sum of ..... Dollars to be used to maintain the ..... Fund of Goshen College, Goshen, Indiana.

# CALENDAR OF PUBLIC EVENTS

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Nov. 3—William A. Colledge, lecture, "The Fortune Hunter".

Nov. 17—The Chicago Ensemble Trio, Lacy Coe, violinist; Mabel Corlew-Smith, soprano; Guy Webster, pianist.

Nov. 24—Miss Beryl Buckley, interpretative reading, "The Shepherd of the Hills".

Dec. 15—Clarence L. Miller, lecturer, "The Democracy of Achievement".

Dec. 20—The Ramblers, concert.

Jan. 12—Philharmonic Concert, Part-songs.

Jan. 18—C. D. Timmins, lecture, "Liquid Air".

Jan. 22—George H. Bradford, lecture, "Suncrowned Manhood".

Jan. 24—Supt. Wilkinson, address, "What Should an Education Mean".

Jan. 26—The Orpheus Quartet of Chicago.

Mar. 2—Local Peace Oratorical Contest.

Mar 16—Alton Packard, cartoonist, "Vanity Fair".

Mar. 30—Intercollegiate Debate, Goshen College vs. Mt. Morris College.

April 3—Edward Baxter Perry, concert pianist and lecturer.

April 6—Frederick E. Hopkins, lecture, "The Golden Fleece".

June 5—Philharmonic Concert, "The Creation" (Haydn). soloists, Ruth Lowenberg, soprano; Grant Kimball, tenor; Frank M. Dunford, basso.

June 8—Pres. Robert Lincoln Kelly, Commencement Address.



# EXPENSES

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## TUITION

Tuition charges for each term of the year are uniform.

### College, Normal and Business

Per week, in advance .....	\$ 1.75
Per term, in advance .....	18.00
Per year, in advance .....	50.00

### Academy

Per week, in advance .....	\$ 1.50
Per term, in advance .....	15.00
Per year, in advance .....	42.00

Students taking more than 16 hours (recitations) work in College or 17 in Academy will be charged the following rates:

College, per hour .....	\$ 1.75
Academy, per hour .....	1.25

No tuition, either class or private, will be refunded except in cases of protracted sickness or by order of the Faculty.

### Special Courses

Special Bible, Term, six weeks .....	\$ 7.00
Four hours in Academy, per term .....	7.00
Eight hours in Academy, per term .....	11.00
Five hours in College, per term .....	9.00
Ten hours in College, per term .....	15.00

### Special Fees

Laboratory fee, College, per term credit .....	\$ .75
Laboratory fee, Agriculture, per term credit .....	.50
Matriculation fee .....	1.00

(Paid only on first registration).



## BIBLE

Free tuition for those who take the regular Bible courses as outlined in Catalog.

## MUSIC

Private lessons in voice or piano per term, twice a week, 50-min., \$28.00; 25-min. \$15.00. See page .... for special tuition.

Children under twelve years of age, piano, twenty-minute lessons, twice a week, \$10.00, once a week, \$6.00 Eartraining and Dictation, History of Music, or Selfeggio, class of four or more \$5.50; Public School Music Methods, and Art, class of six or more, respectively, \$4.50 and \$7.00. Piano Rent, per term—

One interval, each day .....	\$2.00
Two intervals, each day .....	4.00
Three intervals, each day .....	5.50
Four intervals, each day .....	6.50
Grand Piano, extra per term for each interval	.60

Students who register in the Music Department may have Academy tuition at \$1.25 per hour and College at \$1.75.

## Diplomas

Diploma fee, degree .....	\$5.00
Diploma fee .....	3.00
Certificate fee .....	1.00

## Board

Per meal, in advance .....	\$ .20
Per week, in advance .....	3.00
Per term, in advance .....	31.00
Christmas vacation, additional .....	5.00

Owing to the uncertainty of prices on food stuffs the above prices are made for the Fall term. It is the inten-

tion of the institution not to increase them during the year but it at the same time reserves the right to do so in case advances in provisions make it necessary.

### Rooms

Per week, East Hall, in advance .....	\$ 1.10
Per term, in advance .....	13.00
Per week, Kulp Hall, in advance .....	1.00
Per term, in advance .....	12.00

These prices are for furnished rooms, two in a room, including heat, light, washing and ironing. Those who wish to take rooms alone must add \$2.00 for Fall and Spring terms and \$4.00 for Winter term to above prices.

Each student should bring one comforter, towels and bed linen.

Rooms will be reserved at the dormitories for regular students on receipt of a deposit of \$2.00 to be applied on room rent. On receipt of such deposit rooms will be held one week at the beginning of the term. These deposits will not be refunded and are not transferable.

# SCHEDULE OF LECTURES AND RECITATIONS FOR THE FALL TERM, 1917.

INSTRUCTORS	ROOM	7:50	8:45	9:40	9:55	10:50	NOON			12:45	1:40	2:35	3:30
GERIG	A 10		German II	CHAPPEL	German I	German III and IV					German X	German V	
ZOOK	A 23		Latin II		French I	Latin V				French II	Chemistry III	Latin I	Latin IV
KURTZ	S 41	Physics Lab.	Physics VI & VII							Chem. Lab.		Chemistry II	Chemistry Lab.
LEHMAN	S 20	Plane Geometry	Algebra IV		Ad. Anal.	Solid Geom.						Astronomy	Calculus
FISHER	A 23	Psychology			History of Education							History of Phil.	
WEAVER, W.	A 32					Sociology Economics					Med. History		American History
WITMER	S 21	Zoology II	Zoology II Laboratory							Col. Bot. Lab.	Col. Bot. Lab.	An. Ecol.	An. Ecol. Lab.
MISS ZOOK	S 30	Food Chemistry	Food Chem.		C. Sewing Ac. Sewing Bib. Intro. N. T.	C. Sewing Ac. Sewing N. T. Test. I				Cookery Laundry	Cookery Laundry		
DETWEILER	S 20		Bible Theol. I			N. Test. I					N. T. G. II N. T. G. III		
KREIDER	A 20	N. Test. Greek I				O. Test. I						O. T. Intro.	Religious Education
BLOSSER	S 21	Acad. Agron.	Acad. Agron.		Farm Crops Acad. Soils	Farm Crops Acad. Soils				Weeds Dairy Husb.	Weeds Dairy Husb.	An. Husb. Poul. Husb.	An. Husb. Poul. Husb. English VIII
	S 21	Soils	Soils		English XIV & XV	English II					English X & XI	English IV	
KELLER	A 33	English VI and IX	Academy German II		Observation Teaching						English I	Normal Grammar	
HOOLEY	A 14		Elem. Psych.		Penmanship Spelling	Book keeping				Com. Arithmetic	Shorthand II	Bus. Eng.	
MARTIN	A 23		Book keeping								Sol. I Sol. & Dic II		Dictation I
WEAVER, J.	A 30				Harmony I	Harmony III, IV & V					History of Music		
*EBERSOLE	A 22				Acad.								
*BONTRAGER	A 22												
McCoy	A 22		Harmony II										
ASSISTANTS		Shorthand										Book.	Ancient

Instructor	Day	Time
GERIG	A 10	German II
ZOOK	A 21	Latin II
KURTZ	A 41	Physics Laboratory Plane Geometry
LEHMAN	S 20	Trigonometry
FISHER	A 23	Psychology
WEAVER W	A 32	
WITMER	S 21	Zoology II Food Chem.
MISS ZOOK	S 30	Food Chem.
DETWILER	A 20	N. Test. Greek I
KREIDER	A 20	Acad. Hort.
BLOSSER	S 21	Soils
*	S 21	English VI and IX
KELLER	A 33	Acad. Ger. II Child Psych.
HOOLEY	A 14	Bookkeeping
MARTIN	A 23	
WEAVER, J.	A 30	
*EBERSOLE	A 22	
*BONTRAGER	A 22	
MCCOY	A 22	
ASSISTANTS		Shorthand I
ASSISTANTS		

CHAPTER L

German I	French I	German III and IV Latin V
Ad. Anal.		Solid Geom.
Principles of Education		Sociology Economics
Col. Sewing Acad. Sew.		Col. Sew. Ac. Sew.
Bib. Intro. New Test.		N. Test. II *
Farm Crops		O. Test. II
Feeds and Feeding		Farm Crops
English XIV and XV		Soil Man.
Observ. Teach.		English II
		Book keeping
Harmony I		Harmony III, IV, V
Ac. Germ. Shorthand II		Latin III
Botany I		Botany I Lab.

NOON

French II	Chem. Lab.	German X	German V
		Chemistry III	Latin I
		Normal Arithmetic	Chemistry II
		Med. History	Astron.
		Bot. Lab.	History of Phil.
		Cookery	Am. History
		N. T. Gr. II N. T. G. III	Physiology
		Pomology	O. T. I.
		Animal Breeding	Fruits
		English X and XI	An. Husb. Pou. Husb. English VIII
		English I	English IV
		Shorthand III	Normal Geog.
		Solf I Sol & Dic. II	Corres-pondence
		History of Music	Dictation I
		Algebra I	Book-keeping

**\*Hours to be arranged.**

## A Administration Building.

**S Science Hall.**

# SCHEDULE OF LECTURERS AND RECITATIONS FOR THE SPRING TERM, 1918

INSTRUCTORS	ROOM	7:50	8:45	9:40	9:55	10:50		12:45		1:40	2:35	3:30
GERIG	A 10		German II		German I	German III and IV				German X	German V	
ZOOK	A 21		Latin II		French I	Latin V		French II			Latin I	Latin IV
KURTZ	S 41	Physics Laboratory	Physics VI & VII		Geography			Chem. Lab.		Chemistry III	Chemistry II	Chemistry Lab.
LEHMAN	S 20	Plane Geometry	Analytics		Ad. Anal.	Solid Geom.					Astronomy	Calculus
FISHER	A 23	Psychology			Sec. Ed. Sch. Ad.						Classics in Phil.	
WEAVER W	A 32					Sociology Economics				9th Cen. History		Amer. History
WITMER	S 21	Zoology II	Zoology II Laboratory					Col. Botany		Col. Botany	Cytology	Cytol Lab.
MISS ZOOK	S 30	Nutrition	Nutrition		C. Sewing Ac. Sewing	C. Sewing Ac. Sewing		Cookery Ev. of Home		N. T. Gr. II N. T. G. III		
DETWILER	A 20		Bible Theol. III		Bible Intro. N. T.	N. Test III						
KREIDER	A 20	N. Test. Greek I				O. Test III					O. T. Intro.	Rel. Ed.
BLOSSER	S 21	Veg. Gard.	Veg. Gard.		Forage Crops	Forage Crops		Horticulture		Horticulture	Or. Fruits	
	S 21	Ac. Poultry Husb.	Ac. Poul. Husb.					Ac. Veg. Gard.		Ac. Veg. Gard.	An. Husb. Poul. Husb.	Poul. Husb. An. Husb.
KELLER	A 33	English VI and IX	English XV		English XIV and V					English X & XI		English VIII
HOOLEY	A 14		Ac. Germ. II			English II				English I	English IV	
MARTIN	A 23		Methods		Teaching Observation						Methods in Read.	
WEAVER, J.	A 30		Bookkeeping			Bookkeeping		Common Geog.		Dictation II	Shorthand III	Dictation I
*EBERSOLE	A 22									Sol. I Sol. & Dic. II		
*BONTRAGER	A 22											
MCCOY	A 22		Harmony II		Harmony I	Harmony III, IV & V				History of Music		
ASSISTANTS		Shorthand I	Typewriting		Ac. Ger. I Shorthand II	Latin III		Algebra I		Typewriting	Book-keeping	Ancient History

NOON

CHAPEL

\*Hours to be arranged.

A Administration Building.

S Science Hall.

# INTERCOLLEGIATE DEBATERS AND ORATORS 1916-1917

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Goshen vs. Mount Morris:

Orie B. Gerig, Captain.

Ernest E. Miller.

Payson Miller.

Ray R. Rychener, Alternate.

Goshen vs. North Manchester:

Walter E. Oswald, Captain.

Raymond Hartzler.

Archie D. Hartzler.

Arthur W. Slagel, Alternate.

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## PEACE ORATORICAL CONTEST

Indiana State Contest:

Jesse N. Smucker.



# GRADUATES OF 1916

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## DEGREES CONFERRED

### Bachelor of Arts

Blauch, Lloyd E. ....	Aurora, Ohio
History and Social Sciences	
Burkhard, Henry ....	Roseland, Nebr.
Physical Sciences	
Eby, Ida L. ....	Columbus Grove, Ohio
Physical Sciences	
Hertzler, Asa ....	Denbigh, Va.
Biological Sciences	
Holdeman, Albert Franklin ....	Goshen, Ind.
Physical Sciences	
Hooley, Mary ....	Cable, Ohio
German	
Lehman, Elmer E. ....	Wakarusa, Ind.
Science	
Meyers, Jacob C. ....	Sterling, Ohio
Philosophy and Education	
Miller, Louis L. ....	Wellman, Iowa
Philosophy and Education	
Russell, Elcy May ....	Oblong, Ill.
Science	
Shank, Fanny Priscilla ....	Ronks, Pa.
English	
Steiner, Charity Evangeline ....	Columbus Grove, Ohio
Education	
Suntheimer, Charles Edward ....	Goshen, Ind.
Biological Sciences	
Treuschel, Alice Gertrude ....	Elkhart, Ind.
German	
Wenger, Florence LeVera ....	Wakarusa, Ind.
German	
Yoder, Nellie Amanda ....	Bellefontaine, Ohio
Education	
Yoder, Solomon E. ....	Belleville, Pa.
Biological Sciences	

## Graduates from Academy

Bauman, Norman .....	Floradale, Ont.
Deter, Ezra .....	Morrison, Ill.
Eschliman, Ray .....	Dalton, Ohio
Friesner, Cleone .....	Goshen, Ind.
Grabill, Cordelia .....	Goshen, Ind.
Good, Mary .....	Elida, Ohio
Hostetler, Grace .....	Elkhart, Ind.
Hostetler, Daniel .....	Baltic, Ohio
Hoover, Lewis .....	Goshen, Ind.
Kaser, Carl .....	Goshen, Ind.
Miller, Vesta .....	Shanesville, Ohio
Nunemaker, Harvey .....	Sterling, Ill.
Ramseyer, Nancy .....	New Hamburg, Ont.
Reed, Esther .....	Goshen, Ind.
Russell, Rosa .....	Oblong, Ill.
Shoemaker, Stella .....	Freeport, Ill.
Spiegle, Kathryn .....	Boswell, Pa.
Shoup, Ella .....	Columbiana, Ohio
Wengerd, Amelia .....	Millersburg, Ind.

## Graduates in Music

Thornton, Mary .....	Elkhart, Ind.
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# STUDENT ENROLLMENT 1916-17

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## COLLEGE

### Seniors

Blosser, Ruth .....	Rawson, Ohio
Butler, Frank .....	London, England
Gerber, Christopher .....	Chester, Mont.
Gerig, Orie B. ....	Smithville, Ohio
Hartzler, Archie .....	Belleville, Pa.
Kaufman, James Norman .....	Dhamtari, India
Lefever, Lydia .....	Ronks, Pa.
Lehman, Howard .....	North Lima, Ohio
Miller, Ernest .....	Middelbury, Ind.
Miller, Jacob .....	Kalona, Iowa
Murphy, Ada .....	Elkhart, Ind.
Senger, Rudy .....	Goshen, Ind.
Slabaugh, John .....	Goshen, Ind.
Stoltzfus, Frank .....	West Liberty, Ohio
Stoltzfus, William .....	West Liberty, Ohio
Wallgren, Douglas .....	Goshen, Ind.
Warye, John .....	Urbana, Ohio
Yoder, Owen .....	Shipshewana, Ind.

### Juniors

Byler, Sadie .....	Belleville, Pa.
Byler, Maude .....	Cable, Ohio
Haney, Charles Lloyd .....	Goshen, Ind.
Hartzler, Raymond .....	Topeka, Ind.
Hesh, Elma .....	Wakarusa, Ind.
Lehman, Bernice .....	Nappanee, Ind.
Leichty, Ora .....	Sterling, Ohio
Lounsberry, Bernice .....	Elkhart, Ind.
McCarty, Agnes .....	Brimfield, Ind.
Miller, Payson .....	Shipshewana, Ind.
Slabaugh, Jancy .....	Goshen, Ind.
Smucker, Jesse .....	Smithville, Ohio
Weaver, Vinora .....	Middlebury, Ind.

## Sophomores

Beery, Lola .....	Columbus Grove, Ohio
Brunk, Walter .....	Elida, Ohio
Baer, Martin .....	Shipshewana, Ind.
Cressman, Joseph .....	Kitchener, Ont.
Detweiler, Laura .....	Seville, Ohio
Eigsti, Alma .....	Manson, Iowa
Hershey, Charles .....	La Junta, Colo.
Lantz, Lela .....	Topeka, Ind.
Lehman, Clayton .....	Columbiana, Ohio
Liechty, Elizabeth .....	Sterling, Ohio
Metzler, Mabel .....	North Lima, Ohio
Miller, Truman .....	Middlebury, Ind.
Oswald, Walter .....	Charm, Ohio
Plank, Melvin .....	Topeka, Ind.
Schott, Esther .....	Blue Island, Ill.
Showalter, Amos .....	Conway, Kans.
Showalter John .....	Harrisonburg, Va.
Slagel, Arthur .....	Flaganan, Ill.
Steiner, Esther .....	Columbus Grove, Ohio
Stiver, Alvin .....	Millersburg, Ind.
Stuckman, Edgar .....	New Paris, Ind.
Snyder, Abel .....	Hespeler, Ont.
Speigel, Kathryn .....	Boswell, Pa.
Wenger, Clyde .....	Wakarusa, Ind.
Woodworth, Lynn .....	Elkhart, Ind.
Wysong, Gerald .....	Goshen, Ind.
Weddel, Georgiana .....	Goshen, Ind.
Yoder, Elsie .....	Belleville, Pa.
Yoder, Joe Herman .....	Bellefontaine, Ohio
Yoder, Ruth .....	Bellefontaine, Ohio
Yoder, Iva .....	Shipshewana, Ind.

## Freshmen

Allgyer, Anna .....	West Liberty, Ohio
Bauman, Norman .....	Elmira, Ont.
Brunk, Joseph .....	Denbigh, Va.
Cline, Gladys .....	Goshen, Ind.
Cline, Esther .....	Goshen, Ind.
Dovel, Harold .....	Millersburg, Ind.
Ehret, Faye .....	Wakarusa, Ind.
Eash, Charles .....	Shipshewana, Ind.
Finkenbiner, Ava .....	Goshen, Ind.
Good, Mary .....	Elida, Ohio
Geyer, Ethel .....	Lake City, Mich.
Hartzler, Lillian .....	Topeka, Ind.

Hartzler, Ralph .....	West Liberty, Ohio
Harper, William .....	Millersburg, Ind.
Hertzler, Melvin .....	Concord, Tenn.
Keim, Gertrude .....	Millersburg, Ind.
King, Allen .....	Hudson, Ohio
Lantz, Fern .....	Topeka, Ind.
Lehman, Mabel .....	Goshen, Ind.
Lehman, Marie .....	Goshen, Ind.
Miller, Clara .....	Middlebury, Ind.
Miller, Clay .....	Shanesville, Ohio
Miller, Vesta .....	Shanesville, Ohio
Miller, Wilbur .....	Middlebury, Ind.
Meyer, Emanuel .....	Sterling, Ohio
Pine, Helen .....	Redlands, Calif.
Payne, Howard .....	Goshen, Ind.
Reed, Esther .....	Goshen, Ind.
Russell, Rosa .....	Oblong, Ill.
Rychener, Raymond .....	Pettisville, Ohio
Schrock, Elva .....	Nappanee, Ind.
Scott, Cleon .....	Milford, Ind.
Shoup, Vernon .....	Middlebury, Ind.
Shoemaker, Stella .....	Freeport, Ill.
Sims, Charles .....	Goshen, Ind.
Stahly, Elizabeth .....	Middlebury, Ind.
Stahly, Ernest .....	Middlebury, Ind.
Steele, Ralph .....	Middlebury, Ind.
Stoltzfus, Eli .....	West Liberty, Ohio
Teters, Esther .....	Middlebury, Ind.
Treuschel, Walter .....	Elkhart, Ind.
Umble, Fern .....	West Liberty, Ohio
Umble, Floyd .....	West Liberty, Ohio
Weber, Harry .....	Sterling, Ill.
Weldy, Gladys .....	Elkhart, Ind.
Wenger, Savilla .....	Wakarusa, Ind.
Willard, Frances .....	Wakarusa, Ind.
Yoder, Howard .....	Wooster, Ohio
Yoder, Joseph A. ....	Urbana, Ohio
Yoder, Velma .....	Topeka, Ind.
Yoder, Verda .....	West Liberty, Ohio
Zook, John .....	West Liberty, Ohio

### NORMAL SCHOOL

Baker, Dwight .....	Elkhart, Ind.
Bartholomew, Mary .....	Goshen, Ind.
Berry, Ruth .....	Goshen, Ind.
Dykstra, Gerrit .....	Goshen, Ind.
Fisher, Gertrude .....	South Bend, Ind.

Faught, Hester .....	Topeka, Ind.
Freisner, Cleone .....	Goshen, Ind.
Hartzler, Lillian .....	Topeka, Ind.
Hostetler, Daniel .....	Baltic, Ohio
Krabill, Lucile .....	West Liberty, Ohio
Lantz, Mary .....	Topeka, Ind.
McClintic, Gladys .....	Elkhart, Ind.
Miller, Wilbur .....	Middlebury, Ind.
Nelson, Marie .....	South Bend, Ind.
Schrock, Elva .....	Nappanee, Ind.
Siems, Irene .....	South Bend, Ind.
Sunthimer, Marie .....	Shipshewana, Ind.
Van Scoik, Edna .....	Elkhart, Ind.
Yoder, Dorsa .....	Shipshewana, Ind.
Yoder, Velma .....	Topeka, Ind.

## ACADEMY

### Seniors

Arnold, Cecelia .....	New Paris, Ind.
Frey, Anna .....	Sterling, Ill.
Grabill, Clara .....	Goshen, Ind.
Hess, Dale .....	Goshen, Ind.
Hostetler, Frank .....	Harper, Kans.
Hooley, Clara .....	Goshen, Ind.
Kauffman, Nellie .....	Middlebury, Ind.
Kennel, Claire .....	Goshen, Ind.
Kaser, Donald .....	New Paris, Ind.
Nice, Violetta .....	Morrison, Ill.
Strycker, Grace .....	New Paris, Ind.
Schertz, Raymond .....	Metamora, Ill.
Schrock, Mark .....	Goshen, Ind.
Yoder, Mary .....	Wooster, Ohio

### Juniors

Anderson, Agnes .....	Chicago, Ill.
Anderson, Margaret .....	Chicago, Ill.
Beck, Arthur .....	Goshen, Ind.
Belt, Floyd .....	New Paris, Ind.
Belt, John .....	New Paris, Ind.
Bontrager, Ferne .....	Goshen, Ind.
Bontrager, Gertrude .....	Goshen, Ind.
Brothers, Walter .....	Goshen, Ind.
Buschert, Chester .....	Breslau, Ont.
Gerber, Paul .....	Chester, Mont.
Hartzler, Frank .....	West Liberty, Ohio
Pletcher, Menno .....	Goshen, Ind.
Rohrer, Sue .....	Lancaster, Pa.



Snyder, Alice .....	Roseland, Nebr.
Snyder, Daniel .....	Roseland, Nebr.
Snyder, Ruth .....	Goshen, Ind.
Snyder, Mary .....	Hespeler, Ont.
Stauffer, Mahlon .....	Rittman, Ohio
Troyer, Minnie .....	Goshen, Ind.
Yoder, Floyd .....	Goshen, Ind.
Yoder, Gola .....	Elkhart, Ind.

### Sophomores

Arnold, Levi .....	New Paris, Ind.
Bauman, Irvin .....	Elmira, Ont.
Birkey, Leah .....	Shickley, Nebr.
Forney, Arloine .....	Goshen, Ind.
Ganger, Effie .....	Goshen, Ind.
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Stutzman, Ralph .....	Goshen, Ind.
Weaver, Verda .....	Goshen, Ind.
Yoder, Ordo .....	Goshen, Ind.
Zimmerman, John .....	Gordonville, Pa.

### Freshmen

Bond, Martha .....	Goshen, Ind.
Bond, Mary .....	Goshen, Ind.
Christophel, Alice .....	Cullom, Ill.
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Cressman, Elvina .....	Breslau, Ont.
Deter, Daniel .....	Morrison, Ill.
Dillman, Rose .....	Goshen, Ind.
Grosh, Myrtle .....	Elkhart, Ind.
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Hostetler, Atlee .....	Baltic, Ohio
Hostetler, James .....	Baltic, Ohio
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Miller, Vernon .....	Goshen, Ind.

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Oesch, Edna .....	Garden City, Mo.
Rohrer, Elizabeth .....	Lancaster, Pa.
Shantz, Mary .....	Cullom, Ill.
Shumacher, Mildred .....	Elkhart, Ind.
Simon, Clement .....	Goshen, Ind.
Slabaugh, Charles .....	Nappanee, Ind.
Smetzer, Noble .....	Goshen, Ind.
Smoker, Guy .....	Goshen, Ind.
Smoker, Ruby .....	Goshen, Ind.
Snyder, Oliver .....	Preston, Ont.
Snyder, Willard .....	Waterloo, Ont.
Stouder, Ferrell .....	Nappanee, Ind.
Swihart, Glenn .....	Goshen, Ind.
Troyer, Howard .....	Goshen, Ind.
Warner, De Main .....	Goshen, Ind.
Weaver, Roy .....	Wakarusa, Ind.
Weber, Lewis .....	Waterloo, Ont.
Whitehead, Leonard .....	New Paris, Ind.
Yoder, Artie .....	Shipshewana, Ind.

## MUSIC

Ackerman, Marie .....	Goshen, Ind.
Arnold, Joy .....	Goshen, Ind.
Bache, Harold .....	Goshen, Ind.
Berlin, Flossie .....	Goshen, Ind.
Blough, Elsie .....	Middlebury, Ind.
Bontrager, Neri .....	Middlebury, Ind.
Byler, Nellie .....	Cable, Ohio
Belt, Rosa .....	New Paris, Ind.
Cartmell, Helen .....	Middlebury, Ind.
Conrad, Rozella .....	Smithville, Ohio
Driver, Roy .....	Versailles, Mo.
Ebersole, Mrs. A. S. ....	Goshen, Ind.
Guth, Eunice .....	Union, Ill.
Hartzler, Mrs. J. E. ....	Goshen, Ind.
Hartzler, Harold .....	Goshen, Ind.
Kaufman, Mrs. J. N. ....	Dhamtari, India
Miller, Maude .....	Garden City, Mo.
Nice, Susanna .....	Sterling, Ill.
Reed, Esther .....	Goshen, Ind.
Rhodes, Mabel .....	Goshen, Ind.
Rohn, Gladyce .....	Goshen, Ind.
Rohrer, Maude .....	Goshen, Ind.
Swank, Freda .....	Goshen, Ind.
West, Enid .....	Goshen, Ind.
Wilson, Ermal .....	Goshen, Ind.
Zook, Mrs. Purl .....	Goshen, Ind.

## BUSINESS

Beaumont, Irene .....	Goshen, Ind.
Beck, Mary .....	Goshen, Ind.
Berlin, Gladys .....	Goshen, Ind.
Buzzard, Mearl .....	Goshen, Ind.
Burridge, John .....	Goshen, Ind.
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McNames, Mayme .....	Goshen, Ind.
Menaugh, Ethel .....	Goshen, Ind.
Miller, Edith .....	Goshen, Ind.
Morris, Lurline .....	Goshen, Ind.
Neff, Ralph .....	Milford, Ind.
Neff, William .....	New Paris, Ind.
Roth, Cleo .....	Goshen, Ind.
Seaman, Vera .....	Goshen, Ind.
Smiley, Lucy .....	Goshen, Ind.
Steininger, Roy .....	Goshen, Ind.
Swick, Jennie .....	Silver Lake, Ind.
Tice, Ray .....	Goshen, Ind.
Vesey, Irene .....	Goshen, Ind.
Whirlledge, Asa .....	Goshen, Ind.
Yoder, Clara .....	Kalona, Iowa

## BIBLE

Beechy, Elizabeth .....	Millersburg, Ohio
Berkey, Gilgian .....	Fisher, Ill.
Bohn, Ernest .....	Millersburg, Ind.
Brubaker, Ruth .....	Freeport, Ill.
Brubaker, Nora .....	Freeport, Ill.
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Horner, Effie .....	Greentown, Ind.
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Sutter, Matilda	Miner, Ill.
Swartzendruber, Omar	Wayland, Iowa
Smucker, Jephtha	Smithville, Ohio
Wolber, Lena	Deer Creek, Ill.
Yoder, Artie	Shipshewana, Ind.
Zimmerman, John	Gordinsville, Pa.

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Miller, Noble	Goshen, Ind.
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Airgood, Faye	Millersburg, Ind.
Allison, Florence	Shipshewana, Ind.
Arnold, Joy	Goshen, Ind.
Baker, Dwight	Elkhart, Ind.
Bauman, Norman	Elmira, Ont.
Brown, Lena	Ligonier, Ind.
Berry, Helen	Goshen, Ind.
Berry, Georgia	Goshen, Ind.
Blake, Mary	Elkhart, Ind.
Blake, Ennis	Elkhart, Ind.
Bender, Harold	Elkhart, Ind.
Bontrager, Amos	Shipshewana, Ind.
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Black, Olga	Albion, Ind.
Bryner, Fred	Goshen, Ind.
Blough, Elsie	Middlebury, Ind.
Bontrager, Joanna	Goshen, Ind.
Berlin, Flossie	Goshen, Ind.
Bickel, Bernice	Goshen, Ind.
Christophel, Allen	Wakarusa, Ind.

Cripe, Fern .....	Goshen, Ind.
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Clear, Beatrice .....	Wawaka, Ind.
Craig, Frances .....	South Bend, Ind.
Chapman, Hugh .....	Rome City, Ind.
Dyer, Jessie .....	Chicago, Ill.
Eschliman, Alvin .....	Dalton, Ohio
Fisher, Verla .....	Elkhart, Ind.
Feeser, Mary .....	Elkhart, Ind.
Faught, Hester .....	Topeka, Ind.
Fisher, Gertrude .....	South Bend, Ind.
Grabill, Cordelia .....	Goshen, Ind.
Gerberick, LeRoy .....	Wakarusa, Ind.
Good, Mary .....	Weilersville, Ohio
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Hire, Scott .....	Syracuse, Ind.
Hoovens, Agnes .....	Goshen, Ind.
Hire, Willis .....	Ligonier, Ind.
Hayes, Adolph .....	Kimmell, Ind.
Haberstitch, Gustav .....	Goshen, Ind.
Haney, Charles .....	Goshen, Ind.
Hahn, Edward .....	Wakarusa, Ind.
Hertzler, Asa .....	Denbigh, Va.
Hahn, Clem .....	Wakarusa, Ind.
Hostetler, Ruth .....	Topeka, Ind.
Hartzler, Lillian .....	Topeka, Ind.
Hooley, Clara .....	Goshen, Ind.
Henderson, Esther .....	Lakeville, Ind.
Heintzleman, Muriel .....	Goshen, Ind.
Himes, Earl .....	Cromwell, Ind.
Hagerty, Angela .....	South Bend, Ind.
Hill, Margaret .....	South Bend, Ind.
Harris, Jessie .....	Howe, Ind.
Harris, Lulu .....	Howe, Ind.
Hooley, Vernon .....	Goshen, Ind.
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Kennel, Mabel .....	Goshen, Ind.
Kennel, Claire .....	Goshen, Ind.
Kaser, Carl .....	New Paris, Ind.
King, Ruth .....	Middlebury, Ind.
King, Kathryn .....	Amboy, Ind.
Kauffman, Nellie .....	Middlebury, Ind.
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Loane, Myrtle .....	South Bend, Ind.
Lehman, Howard .....	North Lima, Ohio
Miner, Joseph .....	Wawaka, Ind.
Miller, Payson .....	Shipshewana, Ind.
Mason, Thelma .....	Middlebury, Ind.
McClintic, Gladys .....	Elkhart, Ind.
Miller, Jacob .....	Kalona, Iowa
Meyer, Jacob .....	Sterling, Ohio
Metzler, Walter .....	Wakarusa, Ind.
Moon, Helen .....	North Liberty, Ind.
McCoy, Esther .....	South Bend, Ind.
Miller,, Ernest .....	Middlebury, Ind.
Miller, Trueman .....	Middlebury, Ind.
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Neterer, Beryl .....	Goshen, Ind.
Nice, Susanna .....	Sterling, Ill.
Nice, Violetta .....	Morrison, Ill.
Prough, John .....	Shipshewana, Ind.
Plank, Bessie .....	Topeka, Ind.
Plank, Melvin .....	Osceola, Ind.
Proudfit, Grace .....	Osceola, Ind.
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Ritter, Wava .....	Topeka, Ind.
Renner, Merl .....	Wakarusa, Ind.
Rupel, Helen .....	South Bend, Ind.
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Slabaugh, Jancy .....	Goshen, Ind.
Slabaugh, John .....	Goshen, Ind.
Schertz, Raymond .....	Metamora, Ill.
Stiver, Vera .....	Goshen, Ind.
Swick, Carrie .....	New Paris, Ind.
Swick, Jennie .....	New Paris, Ind.
Stenberg, Geraldine .....	Elkhart, Ind.
Surfus, Catherine .....	Kimmell, Ind.
Starr, Marjorie .....	Goshen, Ind.
Snyder, Mary .....	Hespeler, Ont.
Snyder, Rebecca .....	Goshen, Ind.
Shisler, Ruby .....	Kimmell, Ind.
Strope, Edward .....	Wakarusa, Ind.
Stemen, Robert .....	Lima, Ohio
Schrock, Mark .....	Goshen, Ind.
Sargent, Mary .....	Syracuse, Ind.
Stoops, Donald .....	Nappanee, Ind.
Stump, George .....	New Paris, Ind.
Seymoure, Mildred .....	Wawaka, Ind.
Shoup, Marie .....	Goshen, Ind.



Siems, Irene .....	South Bend, Ind.
Starr, Martha .....	Goshen, Ind.
Thompson, Romayne .....	Millersburg, Ind.
Treuschel, Alice .....	Elkhart, Ind.
Triece, Ellen .....	Elkhart, Ind.
Thompson, Fern .....	Goshen, Ind.
Wolfberg, Florence .....	Wakarusa, Ind.
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Weller, Melba .....	South Bend, Ind.
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<hr/>	
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# ALUMNI ASSOCIATION

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Organized 1901—Incorporated 1911

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### Term Expires in 1918

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## Term Expires in 1919

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E. Ellen Schertz ..... Secretary-Treasurer

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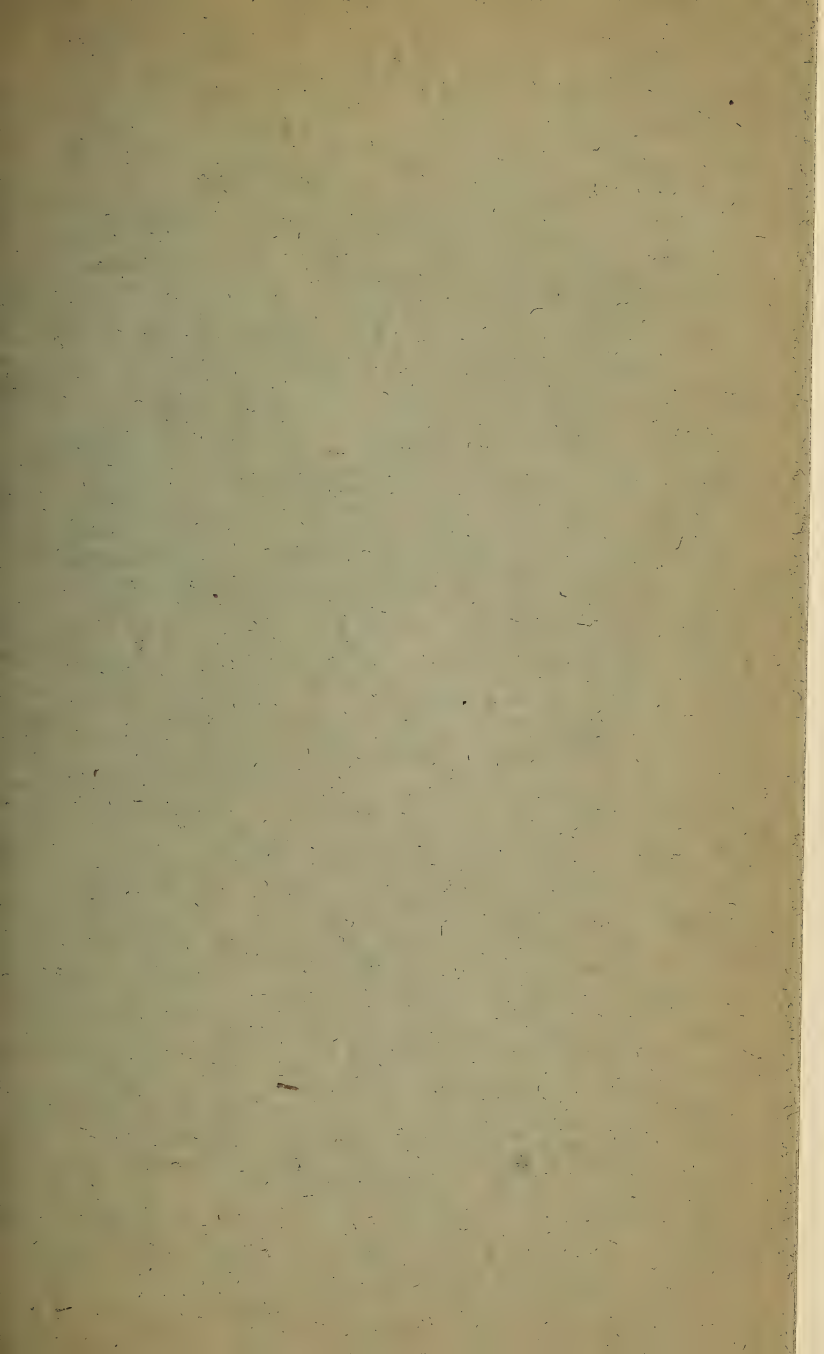
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# BULLETIN

—OF—

# GOSHEN COLLEGE



UNIVERSITY OF ILLINOIS

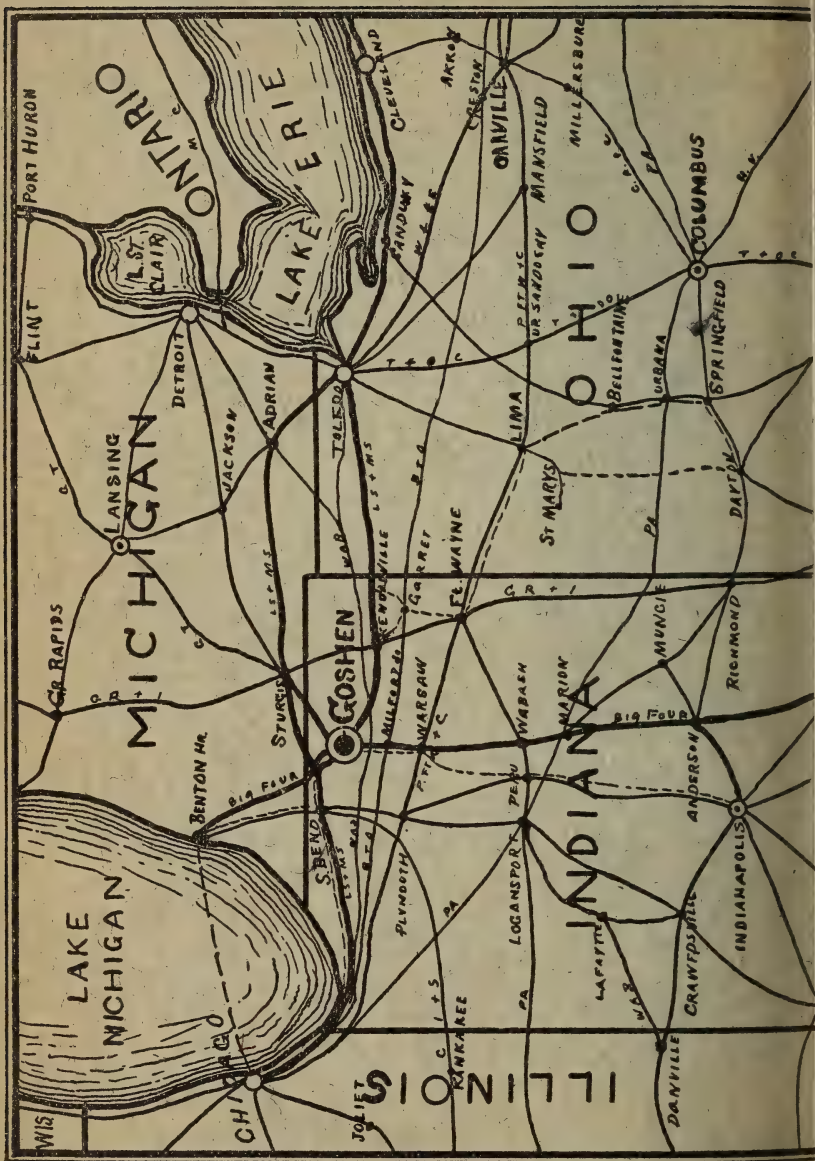
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GOSHEN, INDIANA



1917—CATALOG—1918

GOSHEN COLLEGE



GOSHEN, - INDIANA

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ANNOUNCEMENTS  
==FOR==

1918—1819

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at Goshen, Ind., under act of Congress of July 15, 1904.  
Issued six times per year.*



# CALENDAR

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1918

Baccalaureate Sermon .....	June 2
Music Program .....	June 4
Alumni Day .....	June 5
Class Day .....	June 6
Commencement Day .....	June 7
Summer School Opens .....	June 10
Mid-Summer School (six weeks) .....	July 15
Summer School Closes .....	August 23
Fall Term Opens, Wednesday, 8 A. M.....	September 25
Thanksgiving Vacation .....	Novemebr 28-30
Fall Term Closes, Thursday, 12 M. ....	December 20

1919

Winter Term Opens .....	January 2
Special Bible Term Opens .....	January 2
Special Bible Term Closes .....	February 12
Winter Term Closes .....	March 14
Spring Term Opens .....	March 17
Mid-Spring Term Opens .....	April 28
Peace Day .....	May 18
Baccalaureate Sermon .....	June 1
Music Program .....	June 3
Alumni Day .....	June 4
Class Day .....	June 5
Commencement Day .....	June 6
Summer School Opens .....	June 9
Summer School Closes .....	August 22
Fall Term Opens .....	September 24
Fall Term Closes .....	December 20

# CALENDAR

1918

1918

1919

S M T W T F S	S M T W T F S	S M T W T F S
<b>SEPTEMBER</b> 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	<b>JANUARY</b> 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	<b>MAY</b> 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31
<b>OCTOBER</b> 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	<b>FEBRUARY</b> 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28	<b>JUNE</b> 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30
<b>NOVEMBER</b> 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	<b>MARCH</b> 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	<b>JULY</b> 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31
<b>DECEMBER</b> 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	<b>APRIL</b> 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	<b>AUGUST</b> 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

# CORPORATION

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D. D. Miller, Secretary .....	Middlebury, Ind.
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Aaron Loucks .....	Scottdale, Pa.
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S. R. Good .....	Sterling, Ill.
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D. H. Bender .....	Hesston, Kas.
T. M. Erb .....	Hesston, Kas.

## STANDING COMMITTEES OF BOARD

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Uriel Yoder	

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Aaron Loucks	

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Ezra Mullet	

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Daniel S. Gerig .....	Dean
John E. Weaver .....	Business Manager
Ephraim J. Zook .....	Librarian
Vesta Zook .....	Dean of Women

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.....	Matron, Kulp Hall
Mrs. Samuel Plank .....	Matron, East Hall
Samuel H. Plank .....	Supt. Buildings and Grounds
Ella Shoup .....	Assistant Librarian
Alma Hostletler .....	Stenographer

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## STANDING COMMITTEES OF THE FACULTY

Admission and Classification—Fisher, Gerig, Blosser.
Athletics—Witmer, The President, Keller.
Buildings and Grounds—Zook, Witmer, Lehman.
Course of Study—Heads of Schools and Departments.
Debate and Oratory—Weaver, W. B., Miss Martin, Keller.
Dormitory and Student Life—Miss Zook, Detweiler, Weaver, J. E.
Extra Work:
College—Kurtz, Blosser, Miss Zook.
Academy—Lehman, Zook, Detweiler.
Equipment—Weaver, J. E., The President, Librarian.
Library—Zook, Keller, Fisher.
Public Occasions—The President, Blosser, Ebersole, Kurtz, Miss Martin, Keller.
Publications—Dean, Weaver, J. E., The President.
Religious Life—Detweiler, The President, Miss Zook.
Rules and Discipline—The Deans and Principals of Schools.
Student Organizations—Kurtz, Ebersole, Miss Martin, Lehman.

# FACULTY\*

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GEORGE J. LAPP, A. B., President.

Goshen College; Garret Biblical Institute; Serampore College, India; Missionary to India; Principal, Bible Training School, Ghatula, India; President, Goshen College, 1918-

DANIEL S. GERIG, A. B., Dean.

Student, Smithville Normal School, 1893-94; Instructor Elkhart Institute, 1900-1902; Instructor Wooster University, summer, 1903; A. B., Wooster University, 1904; graduate student in German and Latin The University of Chicago, summers of 1904 and 1908; Instructor, Goshen College, 1904-05; traveled in Europe summer of 1912; Professor of German, 1905-; Acting Dean of College, 1916-18; Dean, 1918-

EPHRAIM J. ZOOK, A. M., Librarian.

B. S., Ohio Normal University, 1897; Principal, school of Canaan and Rittman, Ohio, 1897-99; Ph. B., Wooster University, 1901; Instructor, Elkhart Institute, 1901-03; Instructor, Goshen College, 1903-04; A. M., The University of Chicago, 1905; Graduate student, The University of Chicago, summers of 1905, '08, '13, '14; Graduate Indiana School for Librarians, 1916; Professor of Latin and French, 1905-

JONATHAN M. KURTZ, A. M.

Student, Ohio Normal University, 1896; Instructor, Elkhart Institute, 1902-03; Instructor, Goshen College, 1902-04; A. B., Oberlin College, 1905; Scholar in Chemistry, Oberlin College, 1905-06; A. M., Oberlin College, 1906; Graduate student, The University of Chicago, summers of 1909, '10, '11 and '12; Professor of Physical Science, 1906-

DANIEL A. LEHMAN, A. M.

Graduate of First Pennsylvania State Normal, 1889; Ph. B., Wesleyan University (Conn.), 1893; graduate student, The University of Chicago; 1893-95; Principal of Academy, University of the Pacific (Cal.), 1895-98; Student, Lick Observatory, summer of 1898; Professor of Mathematics, Baldwin University, (O.), 1898-1902; A. B., Western Reserve University, 1903; Instructor, Missouri State Normal, 1903-05; Instructor, University

\*Arranged, with the exception of the President, in the order of seniority of appointment.



of Wisconsin, 1905-06; Graduate student, University of Michigan, summers, 1908-09, Columbia University, 1910, and The University of Chicago, 1912-14; Professor of Mathematics and Astronomy, 1906-

#### CHRISTIAN B. BLOSSER, A. B.

Student Ohio Normal University, 1898-1900; Instructor, Goshen College, 1907; Assistant in Zoology, Indiana University 1908-09; A. B., Indiana University, 1909; Instructor in Biological Sciences, Goshen College, 1909-10; Professor of Biological Sciences, 1910-15; Post-graduate student University of Wisconsin, 1915-17; Candidate for M. S. degree in Agriculture, June 1917; Dean of School of Agriculture, 1917-

#### IRVIN R. DETWEILER, A. B.

Missionary in India, 1902-04; ordained minister, 1905; Student Bethany Bible School, 1907-09; Field Secretary Mennonite Board of Missions and Charities, 1906-14; A. B., Goshen College, 1911; Graduate student, The University of Chicago, summers of 1912, '13, '14 and '15; Instructor in Bible, Goshen College, 1909-12; Professor of New Testament and Missions, 1912-1916; Dean of Bible School, 1916-

#### JOHN J. FISHER, A. M.

Assistant in Mathematics, Goshen College, 1911-13; A. B., Goshen College, 1913; Fellow in Philosophy and Education Indiana University, 1913-1914, A. M., Indiana University, 1914; Harrison Fellow in Philosophy and Education University of Pennsylvania, 1914-1915; Graduate student in Education, The University of Chicago, summer of 1915; Graduate student in Education, Columbia University, summer of 1916; Assistant Professor of Philosophy and Education, 1916-

#### WILLIAM B. WEAVER, A. B.

Assistant in History, Goshen College, 1912-1914; A. B., Goshen College, 1914; Graduate student in History and Social Sciences, Indiana University, spring and summer, 1914; Candidate for the A. M. degree, Indiana University; Instructor in History and Social Sciences, 1914-

#### SAMUEL W. WITMER, A. M.

Assistant in German, Goshen College, 1913-14; A. B., Goshen College, 1914; A. M., University of Wisconsin, 1915; Graduate student University of Illinois, summer, 1916; Instructor in Biological Science, 1915-1917; Assistant Professor, Biological Sciences, 1917-

### AMOS S. EBERSOLE, Mus. B.

Private teacher of Music, 1909-1913; graduate Music Teachers' course, Goshen College School of Music; student, Columbia University School of Music; graduate, Collegiate and Post Graduate courses in Singing, American Conservatory of Music; studied with the following teachers: D. A. Clippinger, Rossetter G. Cole, S. Reid Spencer, DeLoss Smith, Oscar Saenger, Mabel Woodworth, John T. Read, Adolph Weidig; Acting Director, School of Music, 1913-1914; Associate Director, School of Music, 1914-15; Director, School of Music, 1915-

### VESTA ZOOK, A. B., B. S.

Assistant in German, Goshen College, 1913-1914; A. B., Goshen College, 1915; B. S., Lewis Institute, 1916; Dean of Women and Instructor in Home Economics, 1916-

### JOHN E. WEAVER, A. M.

Assistant in Bookkeeping, Boise Business College, 1907-1908; Graduate Boise Business College, 1908; Instructor in Bookkeeping and Shorthand, Goshen, 1910-1915; A. B., Goshen College, 1914; A. M., Indiana University, 1916; Principal School of Business, 1916-

### ISAAC CLAYTON KELLER, A. B., A. M.

A. B., Albright College, 1907; instructor high school, Windber, Penn., 1907-10; A. M., Harvard University, 1912; head of department of English, Blue Ridge College, Md., 1911-1916; graduate student, University of Pennsylvania, summer of 1915; graduate student Columbia University, 1916-17; candidate for Ph. D. degree Columbia University; Professor of English and Public Speaking, Goshen College, 1917-

### MARTHA MARTIN, A. B.

A. B., Goshen College, 1915; teacher Public School, Iowa and Colorado, two years; Preceptress and Instructor in English, Goshen Academy, 1914-1915; student, The University of Chicago, summer 1914; Instructor in Common Branches and Assistant in Department of Education, 1917-

### JENNIE TERRILL.

Graduate Moberly, Mo., high school, 1904; teacher rural schools three years; teacher grade schools, Armstrong, Mo., five years; teacher of Latin and English, Armstrong, Mo., high school, two years; student University of Missouri, summer, 1912; graduate Kirksville State Normal School, 1916; student-teacher Kirksville State Normal School, 1915-1916; teacher Model Rural School, Goshen College, 1916-

### ELVINA S. EBERSOLE.

Student Bluffton Conservatory of Music, two years; graduate Music Teachers' Course, Goshen College, School of Music; private teacher of Music, one year; student, Northwestern University School of Music, and private pupil of Walter Allen Stults, two summer terms; Instructor in Singing, Goshen College, 1917-

### OTTO H. HOLTKAMP, Mus. B.

Graduate Oberlin Conservatory of Music, six year course, 1917; Studied with the following teachers: Dr. Geo. W. Andrews, Arthur E. Heacox, O. A. Lindquist and Edward Dickinson; Private teacher of Music, 1913-17; Organist and Choir Director three years; Instructor in Piano and Music Theory, 1917-

### GERARD J. DINKELOO, A. B.

Hope College; Chicago Musical College; American Conservatory of Music; Columbia School of Music; Teacher of Music Western Union College; Supervisor of Music, Iowa Public Schools, six years; Supervisor of Music, Goshen Public Schools, six years; Public School Music Methods, Goshen College, 1916-

### INA K. SLATE.

Prang Summer School of Methods, 1907-1908; Chicago Academy of Fine Arts, 1909; studied methods under Dr. James P. Haney at New York University, 1910 and 1911; New York School of Fine and Applied Arts, 1912 and 1913; pupil of Emma Church, director of Chicago School of Applied and Normal Art, 1915; Supervisor of Art Goshen Public Schools, 1907-15; Instructor in Public School Art, 1916-

### EUNICE GUTH.

Private student of music two years. Private teacher of Music one year; Graduate Teachers' Certificate Course Goshen College; Assistant instructor in piano and musical theory, 1918-

# ADMISSION

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## METHOD OF ADMISSION

Admission to College may be gained either by certificate or by examination. Graduates of commissioned high schools or other approved preparatory schools will be admitted upon presentation of certificates of good moral character and graduation. Candidates may present these certificates in person on registration day but it will greatly expedite registration if these certificates are sent to the Registrar at least two weeks before the opening of the fall term. Blank certificates will be sent upon application.

For admission by examination either upon all the required subjects or upon those for which no satisfactory certificates can be offered the candidates shall present themselves at the office of the Registrar on the opening day of the term for such examination as the Committee on Admission and Classification may require.

No advance credit is granted for subjects studied in high school unless the student has taken a postgraduate high school course of at least one semester. Such credit will be allowed only upon examination and will not be finally placed to the student's credit until he has done at least two terms of successful work in the College.

## REQUIREMENTS FOR ADMISSION

The amount of work required for admission is based upon the work of the commissioned or first class high school. A one-year course meeting daily for forty-five minutes, or a one-year course meeting four times per week for sixty minutes is accepted as the unit of credit. The amount of credit in each subject will be estimated on the basis of the length of the recitation periods, the textbooks used and, in science courses, also the laboratory note-books.

For admission to the Freshman class without condition, candidates must offer in addition to the preacademic or grammar school studies, not less than fifteen units of high school work, to be made up as follows:

Required:

English .....3 units

Foreign Languages .....2 units

(Not less than two units of any one foreign language will be accepted).

Mathematics, Algebra and Geometry . . .2 units

History, Greek and Roman preferred ....1 unit

Science, a laboratory science .....1 unit

Electives:

Additional units from above groups .....2 units

Electives .....4 units

In order to obtain the best results in college work students are urged to elect two units of foreign language and one unit if mathematics in addition to the minimum requirements in these subjects.

The following table gives a list of subjects which may be presented for entrance with the maximum number of units allowed in each:

English Composition and Rhetoric .....	2	}	4
English Literature .....	1		
English Classics .....	1		
Latin .....	2, 3, or 4	}	6
Greek .....	2 or 3		
German .....	2, 3 or 4		
French .....	2, 3 or 4		
Algebra .....	1½	}	3½
Plane Geometry .....	1		
Solid Geometry .....	½		
Trigonometry .....	½		

History, General .....	1	} 2
History, Greek and Roman .....	1	
History, English .....	1	
History, United States and Civics .....	1	
Physics .....	1	} 3
Chemistry .....	1	
Biology .....	1	
Botany .....	1	
Zoology .....	1	
Agriculture .....	1	
Physiography .....	$\frac{1}{2}$	
Physiology .....	$\frac{1}{2}$	
Geology .....	$\frac{1}{2}$	} 3
Astronomy .....	$\frac{1}{2}$	
Commercial Subjects. ....	} May receive credit, after each claim has been investigated.	
Domestic Science ...		
Manual Training ....		
Free-hand Drawing....		

### CONDITIONS

Candidates presenting not less than fourteen units will be admitted to the Freshman class on condition that they begin at once to make up the work in which they are deficient. Such work must be completed before the Junior year. The Academy and the Summer School affords good opportunities for removing conditions.

### SPECIAL STUDENTS

Candidates who are twenty-one years of age or more and who cannot meet the above requirements may be admitted as special students by furnishing evidence of ability to do the contemplated work. Such students may at any time become candidates for degrees by completing the entrance requirements.



# CURRICULUM

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The curriculum of Goshen College makes provision for general culture by prescribing some work in each of the great fields of knowledge; encourages scholarship by requiring advanced courses in at least one major subject; and provides for the particular tastes and needs of each student by giving freedom to the choice of the major subject and electives.

The amount of work required for graduation with the Bachelor of Arts degree is one hundred and eighty term hours. Each student is expected to register for fifteen hours' work each term. Any student wishing to take more than the normal fifteen hours' work must make application to the Committee on Extra Work before registering. Entering students are not expected to carry more than fifteen hours' work.

## PRESCRIBED WORK

English .....	15 hours
Mathematics .....	10 hours
Foreign Languages .....	21 hours
History or Social Sciences .....	15 hours
Natural Sciences .....	15 hours
Philosophy .....	10 hours

## MAJOR SUBJECTS

At the beginning of the Junior year each student shall in consultation with the Dean, select his major subject and file a statement of his choice with the Registrar. A major consists of forty-five hours, approximately one-third of which may be cognate work in allied subjects at the approval of Heads of Departments concerned.

Thirty of the forty-five hours is to represent a sequence in one subject.

## ELECTIVE SUBJECTS

In registering, required and major subjects must have

the preference over those which are elective. Elective courses once begun may not be discontinued without the proper consent of the Faculty. The electives must be chosen in the sequence indicated in the department statements.

### FRESHMAN WORK

Freshmen are required to take at least thirteen hours from the prescribed work in English, Mathematics, Foreign Languages or Natural Science, including English VI and Mathematics IV and V. All prescribed work except that in Philosophy should be completed by the end of the Sophomore year.

The following curricula are suggested for Freshmen:

I	II	III
English .....2	English.....2	English... ....5
Mathematics.....5	Mathematics .....5	Mathematics.....5
Language .....3	Language.....5	Language.....3
Zoology or Botany.....5	Chemistry.....3	Bible .....2

### PROFESSIONAL COURSE

Students who have completed their prescribed work and have one hundred and thirty-five hours' credit may, upon favorable action of Faculty, secure a leave of absence during their Senior year to attend a standard professional school. Such students may present themselves for degrees when a statement has been received from the Faculty of the professional school that one full year's work has been satisfactorily completed.

The following courses are suggested for those expecting to take up medical or engineering courses after completing three years of college work:

MEDICAL	ENGINEERING
English .....15	English.....15
Language .....21	Language.....21
History.....15	History.....15
Mathematics.....10	Mathematics.....24
Biology.....20	Astronomy... ..11
Chemistry.....33	Physics.....12
Physics.....12	Chemistry.....24
Philosophy.....10	Philosophy.....10

## DEGREES

The degree of Bachelor of Arts will be conferred upon those who have complied with the requirements for graduation as stated above. Credit from other standard colleges may count toward the degree, but no student will be graduated who has been in residence for less than one year.

## CERTIFICATES

A certificate is granted to those students in Home Economics who successfully complete a two year outlined course of study in this department. For outline of course see page 27.



A SECTION OF THE BIOLOGY LABORATORY



SECTION OF THE CHURCH - CHURCH OF THE HOLY SPIRIT



# DEPARTMENTS OF INSTRUCTION

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## BIBLE

President Lapp  
Professor Detweiler

## OLD TESTAMENT

### 6. History from the Conquest to the Fall of Samaria.

M. W. F. Fall Term.

The history of Israel is traced from the conquest to the fall of the Northern Kingdom, by an analytical and comparative study of the portions of Joshua, Judges, Samuel, Kings and Chronicles that deal with this period.

### 7. Prophecy, from Genesis to Fall of Samaria.

M. W. F. Winter Term.

A study of the rise, content, classification, definition and principles of prophecy and a detailed study of Amos and Hosea.

### 8. The Southern Kingdom. M. W. F. Spring Term.

The history and prophecy of the Southern Kingdom from Uzziah to the fall of Jerusalem with special study of Isaiah and Micah. Courses I, II, and III not given 1918-19.

### 9. Literature of the Babylonian Period.

M. W. F. Two Terms.

The literature of the Babylonian period of Judah's story, and the Greek age to the Maccabean revolt will constitute the material for this study. The same aim and method of study will be continued as in courses I-III.



## V. Poetry and Wisdom. M. W. F. Spring Term.

A general survey of Hebrew Poetry and Wisdom Literature with a more careful study of characteristic selections. The aim is to familiarize the student with this phase of Old Testament Literature.

## NEW TESTAMENT

## I. The Gospel of Luke. T. Th. Fall Term.

The Gospel of Luke. In addition to the work of introduction special attention is given to the sections peculiar to this Gospel, and a discussion of the synoptic problem.

## II. The Book of Acts. T. Th. Winter Term.

The Book of Acts, the beginning of Christianity, growth in Palestine and the work of Paul.

## III. Pauline Epistles. T. Th. Spring Term.

Pauline Epistles. The general principles of introduction are used in the study of the Pauline Epistles with a careful study of Galatians and Philipians. I, II and III not given 1918-19.

## IV. The Gospel of John. T. Th. Fall Term.

A thorough inductive study of the Gospel. The development is traced and the leading terms of the Gospel are studied in preparation for a study of the Johannine Christology in the following course.

## V. The Epistles of John. T. Th. Winter Term.

The Epistles are used to supplement the teachings in the Gospel in the development of the Christology of the Johannine literature.

## VI. Catholic Epistles. T. Th. Spring Term.

The same inductive and analytical method is used as

in the preceding course. Since the epistles of John are studied in the winter term, James, Peter, and Jude are used in this term.

### LANGUAGE

#### I. Greek. M. W. F. Three Terms.

The first two terms are devoted to the mastery of the elements of the New Testament Greek and a vocabulary sufficient to begin the reading of the Gospel of John. The third term is devoted to reading the Gospel of John and a review of the Grammar studied in the preceding terms. Prerequisite, two years' training in language study.

#### II. Greek. M. W. F. Three Terms.

A careful translation of Mark, Matthew and Luke, word study and application of Moods and Tenses of the Greek language. Prerequisite, Course I, or its equivalent of classical Greek.

#### III. Greek. T. Th. Three Terms.

A translation of the Acts of the Apostles, miscellaneous epistles and selections from the Septuagint. Special attention will be given to the mastery of the grammatical and lexical peculiarities of the Hellenistic Greek and the relation that the Septuagint sustains to the Hebrew of the Old Testament and the Greek of the New Testament.

### EXEGESIS

#### IV. Greek. Epistles to the Romans and Hebrews. T. Th.

Special attention will be given to the problems and teachings of the primitive church and the doctrines that grew out of them. Greek text, lexicons and grammars, with work on introduction. Careful work will be done in translation, brief commentary and close paraphrase.

For additional information see Bible School, pages

## BIOLOGICAL SCIENCE

Assistant Professor Witmer

## III. General Zoology. M. W. F. Three Terms.

A general survey of the animal kingdom. The laboratory work will consist of the dissection of type forms from both invertebrates and vertebrates. Structure will receive the main emphasis and some attention will be given to the animal cell, regeneration, field study of birds, economic importance and other topics.

## IV. Entomology. M. W. F. Spring Term.

After completing two terms of General Zoology this course on insects may be elected for the third term's work.

## V. General Botany. M.-F. Three Terms.

Algae and Fungi will be studied in the fall term. Mosses, Ferns and Gymnosperms will be taken up for the winter term. Special emphasis will be laid on the alternation of generations. The spring term will be devoted to anatomy, physiology, and classification of the flowering plants. (Not given 1918-19.)

## VI. Morphology of Fungi. T. Th. Three Terms.

Representative forms of the chief groups of fungi will be studied. Those causing plant disease will receive special attention.

## VII. Animal Ecology. M.-F. Fall Term.

A study of animals in relation to their environment. The course includes a study of local animal communities, experimental study of animal behavior, the natural history of vertebrates. (Not given 1918-19.)

## VIII. Human Physiology. M.-F. Fall Term.

The structure and functions of the human body will be studied. There will be some laboratory work consisting of experiments, study of microscopic slides, study of human skeleton.

## IX General Cytology. M.-F. Spring Term.

The important cellular phenomena of plants and animals and the light they throw on biological problems will be taken up. The laboratory work will include fixing, embedding and staining. (Not given in 1918-19.)

## ENGLISH

Professor Keller

## VI. English Composition. T. Th. Three Terms.

A study of the principles of correct and effective expression, with as much practice as the time permits. Lomer and Ashmun's and Linn's texts are used.

## VIII. Practical Public Speaking. T. Th. Three Terms.

A course in public speaking, with the emphasis on its practical application for the purpose of training students to meet actual situations. Shurter's "Public Speaking" is the chief text used.

## IX. History of English Literature.

M. W. F. Three Terms.

A historical survey of English literature from its beginning to the close of the nineteenth century. As much illustrative supplementary reading will be done as the time allows. Moody and Lovett's and Manly's texts will be used.

## X. Shakespeare.

T. Th. Three Terms.

An intensive study of Shakespeare. The course will

include the careful study of several representative plays, together with the reading of others. The life and period of the poet will also be examined.

XI. Romantic Poetry. M. W. F. Three Terms.

This course will include a critical study of the chief works of Wordsworth, Coleridge, Byron, Shelley and Keats.

XV. Anglo-Saxon, Chaucer, Lounsbury. M. W. F. Three Terms.

This is a critical, but appreciative study of the English language. First, A-S grammar is taken up and various selections of poetry and prose are read; then the Prologue of "The Canterbury Tales" is read, together with as many Tales as possible; following this, Lounsbury's "History of the English Language" is studied. Not given 1918-19.

XVI. Literary Criticism Applied to the Short Story and Modern Verse. T. Th. Three Terms.

During the first term the fundamental principles of literary criticism are studied. This knowledge is practically applied during the succeeding terms to the study of the Short Story and recent Modern Poetry.

## FRENCH

Professor Zook

French I. M. W. F. Three Terms.

This course aims to give a thorough and practical knowledge of the essentials of French grammar and elementary composition. Careful attention is paid to pronunciation and colloquial drill in connection with the reading of easy texts. The selections read vary from year

to year. Open to college students who have had two years of foreign language.

**FRENCH II.****T. Th. Three Terms.**

This course is a continuation of French I, and consists of reading prose selections from modern writers with conversation based on the text. Part of the course consists of a review of grammar and exercises in writing French.

**French III.****M. W. F. Three Terms.**

A reading course based on the short story with some oral and written summaries based on selections read. A novel of some length will be read the third term.

**GERMAN****Professor Gerig****I. German.****M. W. F. Three Terms.**

This is a course open to college Freshmen or other college students who desire to begin the language. The essentials of German grammar, practice in proper pronunciation, oral and written reproduction of simple English exercises and expressions form the basis of the work.

**II. German.****M. W. F. Three Terms.**

The work of the year consists in a review of grammar topics, the study of several standard works of literature chosen from both classic and modern authors.

**III. Reading Course.****M. W. F. Three Terms.**

The first term is devoted to the rapid reading of some production of prose literature. The second and third terms are devoted to drama. Oral composition will supplement the reading throughout the year.



## IV. Composition. T. Th. Three Terms.

The work in this course consists of translation of English exercises into German, paraphrases of stories, epistolary writing and original composition.

## V. Schiller and Goethe. M. W. F. Three Terms.

This year's work will be devoted to the study of works taken from Schiller and Goethe. Several works will be assigned for collateral reading and reports on them are required.

## VI. Lyrics and Ballads. T. Th. Three Terms.

The study of the choicest lyrics and ballads of the foremost German poets and the memorizing of a few of the shorter ones together with short biographical sketches make up this course. Prerequisite, German III.

## VII. Nineteenth Century Literature. M. W. F. Three Terms.

The first half of the year is given to the study of the writing of the Romantic School. The selections for the last half are taken from the productions of late authors. Reports on assigned topics are required each term. Prerequisite, German III.

## VIII. History of German Literature. T. Th. Three Terms.

A study of the History of German literature and the forces that have been instrumental in its development. Not given 1918-19.

## IX. Scientific German. T. Th. Three Terms.

This course offers an opportunity to become familiar with the vocabulary and idioms peculiar to chemistry, physics, political economy, botany and the technical industries. Not given 1918-19.

## HISTORY AND SOCIAL SCIENCE

## HISTORY

Mr. Weaver

## IV. American. M.-F. Three Terms.

This course will cover the entire period of American History. Collateral reading is required and special topics assigned. Not given 1918-19.

## V. Medieval Europe. M.-F. Fall Term.

This course deals with the religious, social and political life and institutions of Europe 476-1500. Collateral reading, special reports and term papers are required.

## VI. Modern Europe. M.-F. Winter Term.

This course deals with the period of European History from 1500 to 1815. Method of work same as above.

## VII. Nineteenth Century Europe. M.-F. Spring Term.

This course covers the period of European History from 1815 to 1915. A study of the problems of the reorganization of Europe after 1815, the rise of democracy, the Eastern question with special emphasis on the causes of the present European war. Hazen, Robinson, Seignobos, Hayes and other books serve as a basis for the work.

## VIII. English. M. W. F. Three Terms.

This course deals with English History from the beginning to the congress of Vienna, 1815. Particular emphasis on the institutional and constitutional phases of History. Terry's text will be used. Collateral reading is required. Prerequisite, V, VI, VII.

## POLITICAL SCIENCE

## XI. American Government. M.-F. Fall Term.

This course will consist of the study of the national government in action, including the organization and procedure of Congress, the powers of the executive, and the administrative and judicial system. Prerequisite, V, VI, VII.

## XII. European Governments. M.-F. Winter Term.

A descriptive and comparative study of the constitutional organization and practical working of the principal governments of Europe. Prerequisite, V, VI, VII.

## XIII. International Law. M.-F. Spring Term.

This course is a general treatment of the law governing international relations in peace and war with considerable attention to the development of arbitration and international organs of administration. Prerequisite, V, VI, VII.

## SOCIOLOGY

## XIV. Sociology. T. Th. Three Terms.

This course covers the principles of sociology in the Fall and Winter term. The Spring term will be devoted to a practical application of the sociological principles studied in the previous two terms. Term papers are required. A text will be used with collateral reading. Not given 1918-19.

## XIV. Church History. T. Th. Three Terms.

This course will cover the history of the Christian Church through the medieval period to the present time. Textbook, lectures and reports.

## ECONOMICS

## I. Principles of Economics. M. W. F. Three Terms.

This course covers the general field of economics,

dealing with the production, consumption, distribution and exchange of wealth. Some of the modern economic problems discussed are prices, tariff, taxation, insurance, labor. A text is used with collateral reading in such works as Ely, Hadley, Seager, Walker, Marshall, Taussig. Not given 1918-19.

## HOME ECONOMICS

Miss Zook

### I. Food Study and Cookery. M. W. F. Three Terms.

Food production and manufacture; chemical composition; changes brought about by heat, cold and moisture; desirable combinations; preparation and serving of meals. Prerequisite or parallel, General Chemistry.

### II. Food Chemistry. M. W. F. Two Terms.

Examination and testing of food materials; proteins, carbohydrates and fats, with emphasis on meat, milk, flour and sugar. Prerequisite, General Chemistry and Food Study.

### III. Nutrition and Dietetics. M. W. F. Spring Term.

Relation of food requirements to climate, age, sex and occupation; well selected dietaries and food values; demonstration and contest work. Prerequisite, Food Chemistry.

### IV. Household Sanitation. T. Th. Fall Term.

House planning, site, basement, materials, sewerage disposal, water and milk supply, lighting, heating and ventilating. Collateral reading and papers.

### V. Household Administration. T. Th. Winter Term.

The cost of living, division of income, household

budget, planning daily and weekly duties, domestic service, care of the house, furnishings and decorations, the efficient home. Collateral reading and papers.

VI. Theory of Teaching Home Economics.

Two Hours Spring Term.

This course includes the making of curricula in Domestic Science for various grades; making lesson plans; comparison of Grade, High School and College Work; the place of Domestic science in the rural and city schools.

VII. Sewing.

M. W. F. Fall Term.

Stitches and seams, their application to under garments for the individual student; hand and machine sewing. Reading and reports on cotton, linen, silk and wool.

VIII. Dressmaking and Textiles.

M. W. F. Winter and Spring Terms.

Drafting, cutting, fitting, study of commercial, making of shirt waists and dresses. Artistic, economic and hygienic dress. Study of materials as to durability and appropriateness. Laundry, care of clothing and Textile industry. Prerequisite, Sewing I or equivalent.

IX. The Family.

T. Th. Spring Term.

Historical development of the home; the family as a social institution; study of the modern family; collateral reading. Open to Juniors and Seniors.

OUTLINE OF TWO YEAR CERTIFICATE COURSE

First Year:—Cooking, three hours; Sewing, three hours; English, two hours; Chemistry, three hours; Psychology, five hours.

Second Year:—Food Chemistry and Nutrition, three hours; Household Sanitation and Administration, and

Theory of Teaching Home Economics, two hours; Biology, five hours; Sociology and Economics, five hours; the Family, two hours.

## LATIN

Professor Zook

### V. Latin.

M. W. F. Three Terms.

This year's work aims to give the student an appreciation of the life and spirit of the Romans. The inflection of nouns and verbs is carefully reviewed. Special attention is given to word analysis and syntax. In the first year Cicero's *De Senectute* and *De Laelio* will be read; second term Cicero's *Tusculan Disputations*, third term, *Livy*, Book V.

### VI. Poetry of Horace.

T. Th. Three Terms.

Odes and Epodes, Selections from Satires and Epistles.

### VII. Latin.

M. W. F. Three Terms.

The basis of this year's work will be the plays of Plautus and Terence.

## MATHEMATICS AND ASTRONOMY

Professor Lehman

### IV. Algebra.

M.-F. Fall Term.

This course presupposes a thorough course in Elementary Algebra. After some reviewing special attention is given to the theory of exponents, radicals, quadratic and higher equations, variables and limits, complex numbers, determinants, and theory of equations. Required course.



V. Trigonometry. M.-F. Winter Term.

It includes the use of logarithms, drawing to scale, computing heights and distances of inaccessible objects, solving triangles, developing formulae, verifying identities, solving equations, and checking results numerically and graphically. Required course.

VI. Analytic Geometry. M.-F. Spring Term.

A thorough discussion of loci and their equations, including the straight line, circle, parabola, ellipse, hyperbola and the elements of geometry of space. A large number of problems are solved.

Some of the following courses will be given if there is a demand for them.

VII. Advanced Analytic Geometry. T. Th. Three Terms.

A review and continuation of the work of Course VI.

VIII. History and Teaching of Mathematics. M.-F. Spring Term.

Several standard works will be studied and compared. Modern methods and movements will be discussed.

IX. Calculus. M. W. F. Three Terms.

This course includes most of the topics, and a liberal selection of problems, from Granville's Differential and Integral Calculus. Prerequisite IV, V, VI.

X. Advanced Calculus. T. Th. Three Terms.

Texts: Lamb and Osgood.

XI. Differential Equations. M. W. F. Three Terms.

Murray's and Cohen's texts.

XII. Theory of Equations. M. W. F. Three Terms.

It includes the leading topics in Burnside and Panton's Theory of Equations.

XIII. Descriptive Astronomy.

Twice a Week. Three Terms

The work begins with observation of the planets, the moon, the constellations, and other phenomena. The equatorial telescope is studied and used. Text books, charts and journals are studied.

XIV. General Astronomy.

Twice a Week. Three Terms.

This involves a more exact study of the science of astronomy than does XIII. No mathematics beyond Trigonometry and Analytics (VI) are required.

## PHILOSOPHY AND EDUCATION

Assistant Professor Fisher

### PHILOSOPHY

I. Introduction to Philosophy. T. Th. Fall Term

This course is designed for beginners. It will include a definition of terms, a statement of the fundamental problems, and a characterization of the several great systems of thought.

II. Contemporary Philosophy.

T. Th. Winter and Spring Terms.

A study of some of the writings of pragmatism, Bergsonism, new realism, and modern idealism. Prerequisite, I. It will be to the advantage of the student to have had V.

## III. Logic.

M. W. F. Fall Term

A study of deductive and inductive methods of reasoning.

## IV. Ethics.

M. W. F. Winter and Spring Terms

An analysis and comparative study of ethical theories. Constant reference will be made to present social and economic conditions for illustration and interpretation. The historical and constructive aspects will receive some attention.

## V. History of Philosophy. M-F. Fall and Winter Terms

The development of philosophy from its beginnings among the Greeks to the present time. The great systems of the ancient and modern periods will receive chief attention. A standard text will be supplemented by considerable reading from original sources. Prerequisite, I. Not given 1918-19.

## VI. Classics in Philosophy.

M-F. Spring Term

The first half of the term will be devoted to the reading of a number of the typical dialogues of Plato; the second half will be devoted to the reading of Kant's Critique of Pure Reason. Prerequisite, V. Not given, 1918-19.

## PSYCHOLOGY

## VIII. General Psychology.

M. W. F. Fall and Winter Term.

A course in the fundamentals of psychology. While it is desirable that students electing this course have some knowledge of psychology, it will be given in such a way that mature students having had no previous courses in the field will be able to do the work. Open to second year students.

## IX. Educational Psychology. M. W. F. Spring Term.

A study of those phases of psychology which are directly connected with the learning and teaching processes. Native tendencies, the laws of learning, transfer of training, individual differences, tests of mental ability, will be treated. Prerequisite, VIII.

## X. Experimental Psychology. T. Th. Three Terms.

A laboratory course for students who have had or are taking course IX. The work of the first two terms will deal mainly with sensation and perception; the third term with tests of mental ability. The methods of experimental science will be emphasized. Not given in 1918-19.

For additional courses in Psychology see under Normal School, pages 50-51.

## EDUCATION

## XI History of Education. T. Th. Three Terms.

The purpose of this course is to give an historical understanding of the present day situation and tendencies in education. Educational doctrine and practice will be traced from antiquity to the present time. The great theorists of modern times will receive special attention.

## XII. Principles of Education. M. W. F. Fall Term.

A study of the meaning and aim of education as defined by leading educational theorists, in the light of biological, mental and social sciences. Social efficiency and individual development will be discussed with a view of finding the proper relation between them.

## XIII. School Administration. M. W. F. Winter Term.

A study of the system of government of public education, its relation to the scheme of government of civil

affairs, and the relation between local and central authority, with special reference to education in Indiana.

XIV. Secondary Education. M. W. F. Spring Term.

A brief study of the growth of the American high school, and a comparison of the same with the secondary schools of Europe will be followed by a study of present problems. Among the topics considered will be the curriculum, method, management, and the relation of the high school to elementary and higher education.

For additional courses in Education see under Normal School, pages 50-51.

## PHYSICAL SCIENCE

Professor Kurtz

### CHEMISTRY

II. General Chemistry. M. W. F. Three Terms.

This course aims to give the student a comprehensive view of the fundamental principles of chemistry both as a general culture subject, and as a foundation for more advanced chemical work. The work of the three terms includes (a) a study of several typical elements and such subjects as the laws of chemical combinations, solutions, ionization, and valence; (b) the nonmetals and the subjects of chemical equilibrium, the periodic law, and molecular and atomic weights; (c) the metals and industrial chemistry.

III. Qualitative Analysis. M. F. First Half Year.

Laboratory work, lectures and recitations on the principles and practice of Qualitative Analysis. The course consists largely of experimental work in the laboratory. In the lectures a careful study is made of the laws of chemical equilibrium, and the theories of solution and elec-

trolytic dissociation as well as their practical application to analytical chemistry. Prerequisite, General Chemistry.

IV. Organic Chemistry. M-F Last Half Year.

The course deals with the chief classes of organic compounds both of the aliphatic and aromatic series. Prerequisite, General Chemistry.

V. Quantitative Analysis. M. W. F. Three Terms.

A careful study is made in the laboratory of the principles of gravimetric and volumetric analysis as applied to the separation and determination of the common bases and acids found in salts, minerals, etc. For Agricultural students the analysis of feeds, soils, fertilizers and similar compounds will be taken up after the general principles of quantitative analysis have been mastered. Prerequisites, General Chemistry and Qualitative Analysis.

### PHYSICS

VI. General Physics. M. W. F. Three Terms.

This course is intended to acquaint the student with the elementary facts and general principles of physical science. Prerequisite, Elementary Physics and Trigonometry.

VII. Experimental Physics. Three Terms.

Laboratory work arranged to accompany the course in General Physics. The class meets five hours a week and the work counts for two credits. Hours to be arranged.

### EARTH SCIENCE

VIII. Geology. M. W. F. Three Terms.

This course will be a brief and general survey of the entire field of Geology. The purpose of the work is to be-



come acquainted with the leading facts concerning the formation, structure and history of the earth. The geological processes Diastrophism, Vulcanism, and Graduation are carefully considered, preparatory to the study of Historical Geology.

IX. Geography.

M.-F. Spring Term.

After a physiographic study of the earth, the development and resources of the leading countries and nations of the world are taken up with special emphasis upon the United States. An effort will be made to trace the influence of soil, climate, and other physical conditions as determining factors in the resources of different regions, and the resulting development of trade and important commercial centers. The Conservation of Resources will receive attention.

## MUSIC

Professor Ebersole

Mr. Holtkamp

College credit to the extent of twenty-seven term hours will be given for Solfeggio, Eartraining, Dictation II, Harmony I-VI and History and Appreciation of Music.

For description of these and other courses in music open to college students see pages 73-86.

# ACADEMY

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Daniel A. Lehman, Principal

The work in the Academy covers four years and is outlined especially for those who contemplate the completion of a college course.

Within prescribed limitations the student elects courses with the advice of the Principal. These courses form four years of systematic instruction suited to his peculiar needs. The completion of this work will prepare the student for entrance to the best colleges and professional schools, or give a limited education for general culture to those who find it impossible to get a college education.

## ENTRANCE REQUIREMENTS

Students who present certificates showing that they have completed the work of the eighth grade of common school studies and those holding teachers' certificates will be admitted without examination. Those who are not sufficiently advanced to take the regular course in the Academy will be required to take preparatory work in the common branches.

## REQUIREMENTS FOR ACADEMY DIPLOMA

In the Academy all courses have four hours' recitation each week. Four such courses is the regular work of each student. One of these courses taken throughout the year of three terms of nine months is the unit of credit. For graduation sixteen units are required of which the following are prescribed:

English .....	3 units
Mathematics .....	2 units
Foreign Languages .....	2 units
Ancient History .....	1 unit
Science .....	1 unit

## Electives:

Additional units chosen from above group 2 units

Electives ..... 5 units

Total for Graduation .....16 units

The five electives may be selected from any of the subjects in the Academy and within certain limitations from the other schools of the college.

## CURRICULUM

## General

## FIRST YEAR

FIRST TERM	SECOND TERM	THIRD TERM
Latin I.....	Latin I.....	Latin I.....
Algebra I.....	Algebra I.....	Algebra I.....
Botany I.....	Botany I.....	Botany.....
English I.....	English I.....	English I.....

## SECOND YEAR

Latin II.....	Latin II.....	Latin II.....
Ancient History I.....	Ancient History I.....	Ancient History I.....
Plane Geometry II.....	Plane Geometry II.....	Plane Geometry II.....
English II.....	English II.....	English II.....

## THIRD YEAR

Latin III.....	Latin III.....	Latin III.....
Greek I, or.....	Greek I, or.....	Greek I, or.....
German I.....	German I.....	German I.....
Zoology II.....	Zoology II.....	Zoology II.....
Solid Geometry IIIa.....	Algebra IIIb.....	Algebra IIIc.....

## FOURTH YEAR

Latin IV, or.....	Latin IV, or.....	Latin IV, or.....
U. S. History.....	U. S. History.....	Civics.....
Greek II, or.....	Greek II, or.....	Greek II, or.....
German II.....	German II.....	German II.....
Physics I.....	Physics I.....	Physics I.....
English III.....	English III.....	English III.....

**Biblical**

FIRST YEAR		
FIRST TERM	SECOND TERM	THIRD TERM
Latin I.....	Latin I.....	Latin I.....
Algebra I.....	Algebra I.....	Algebra I.....
English I.....	English I.....	English I.....
Times of Jesus.....	Life of Jesus.....	Life of Jesus.....

SECOND YEAR		
Latin II.....	Latin II.....	Latin II.....
Plane Geometry II.....	Plane Geometry II.....	Plane Geometry II.....
Ancient History.....	Ancient History.....	Ancient History.....
Biblical Intro. O. T.....	Biblical Intro. O. T.....	Biblical Intro. O. T.....

THIRD YEAR		
Greek I.....	Greek I.....	Greek I.....
Zoology II, or.....	Zoology II, or.....	Zoology II, or.....
Botany I.....	Botany I.....	Botany I.....
English II.....	English II.....	English II.....
Biblical Intro. N. T.....	Biblical Intro. N. T.....	Biblical Intro. N. T.....

FOURTH YEAR		
Greek II.....	Greek II.....	Greek II.....
Physics I.....	Physics I.....	Physics I.....
English III.....	English III.....	English III.....
Church History.....	Church History.....	Church History.....

**ACADEMY AGRICULTURE****I. Agronomy. T-F. Fall Term.**

This is an elementary study of plants, soils, cereal crops, legumes, forage crops, weeds, and field management.

**II. Horticulture. T-F. Winter Term.**

The production of both large and small fruits for home use will be studied. Recitations, laboratory work and reports.

**III. Vegetable Gardening. T-F. Spring Term.**

A study of the various vegetables for home and market use will be made. Laboratory work will consist of practical work in the greenhouse and garden.

## IV. Soils.

T.-F. Fall Term.

This is an elementary study of different types of soils as to: formation, structure, texture, use of organic matter, use of fertilizers, drainage and general management.

## V. Animal Husbandry.

T.-F. Winter Term.

This course takes up the study of breeds of live stock, judging, composition of feeds, feeding and general management.

## VI. Poultry.

T.-F. Spring Term.

A study of classes and breeds, principles of housing, feeds, and feeding, incubation and care of chicks.

## ENGLISH

## I. English.

M.-Th. Three Terms.

a. Classics: Selections for study and reading will be made from Silas Marner, Twice Told Tales, Franklin's Autobiography, Last of the Mohicans, Ivanhoe, The Lady of the Lake and As You Like It.

b. Composition and Rhetoric, including a review of grammar, two hours each week throughout the year.

## II. English.

M.-Th. Three Terms.

a. Classics: Selections for study and reading will be made from the House of Seven Gables, Treasure Island, Vision of Sir Launfal, selections from Odyssey, Julius Caesar and Merchant of Venice.

b. Composition and Rhetoric, two hours each week throughout the year.

## III. English.

M.-Th. Three Terms.

History of American Literature and selections from Washington's Farewell Address, Webster's First Bunker

Hill Oration, Chief American Poets and Short Stories. Not given 1918-19.

IV. English.

M.-Th. Three Terms.

History of English Literature and Selections from Burns, Carlyle's Essay on Burns, Milton's Minor Poems, Two Books of Paradise Lost, Tennyson's Idylls of the King, Palgrave's Golden Treasury, Macbeth and Hamlet.

GERMAN

German I.

M.-Th. Three Terms.

The work of this year consists of a systematic study of grammatical rules and principles, the acquisition of correct pronunciation, and drill in composition and conversation. Daily exercises are required from all the pupils. A number of easy poems are memorized during the year.

German II.

T.-F. Three Terms.

The work of the first year is continued by a review of grammatical principles followed by the study of a number of easy prose selections. During the latter half year drama is begun. Collateral exercises in conversation and composition continue throughout the year.

HISTORY

I. Ancient History.

M.-Th. Three Terms.

a. History of Greece. Given in the fall and during the first half of the winter term. Special attention will be given to constitutional, social, religious and artistic development, and to the correlation of the facts studied with present day conditions.

b. History of Rome. Given the last half of the winter and spring term. This course covers a period from the absorption of Greece into the Roman Empire to the



Germanic invasions. Special emphasis is given to those factors which were influenced in determining the trend of medieval and modern civilization.

II. United States. M.-Th. Fall and Winter Terms.

The entire field will be covered. This course is to give a general survey of the history of the United States from the discovery of America to the present.

III. Civics. M.-Th. Spring Term.

This is an elementary course in the study of the machinery of government, and obligations and privileges of citizenship.

### HOME ECONOMICS

I. Sewing. T. Th. Three Terms.

This course consists of making stitches, seams, hems and their application to garments. Hand and machine sewing. Garments for the individual student. Care of clothing.

II. Cooking. T. Th. Three Terms.

This course aims to give the student some of the underlying principles in the preparation of typical foods, Serving of simple meals, care of kitchen, pantry and dining rooms.

### LATIN

I. Latin. M. T. W. F. Three Terms.

It is of great importance that the first year of Latin should lay a good foundation for the work of the following years. Careful attention is given to the mastery of inflection and the most important rules of syntax. The student is trained from the beginning to translate into good Latin, easy exercises which are dictated by the instructor.

An attempt is made to train the beginner to grasp the meaning of the Latin before translating, and then to render into idiomatic English. The spring term is devoted to easy reading.

## II. Latin.

T.-F. Three Terms.

During this year Latin grammar is carefully reviewed. Special attention is given to written prose exercises which enables the student to put into practice the forms and rules of grammar. In the first part of the year some easy Latin will be read. This will be followed by five books of Caesar.

## III. Latin.

M. W. Th. F. Three Terms.

This year's work will begin with the study of the four orations against Catiline. These will be followed with several weeks in Latin prose composition. Then two more of Cicero's orations will be read. The third term will be given to Sallust's Catiline. During the year's work an attempt will be made to gain a knowledge of Roman life and customs. Some sight reading will be done in connection with assigned work.

## IV. Latin.

M. T. Th. F. Three Terms.

The fourth year will be given to the study of Latin poetry. In the first and second terms four books of Virgil will be read. Careful attention will be given to the literary merits of this great poem and comparisons will be made between it and other great world epics. The third term will be devoted to a study of Ovid's Metamorphoses.

## MATHEMATICS

### I. Elementary Algebra.

T.-F. Three Terms.

This course passes by easy steps from problems in Arithmetic to Algebra. It includes the elements of quad-

ratic equations, of proportions and variation. Many of the processes of elementary science are treated. Most of the time is spent on the fundamental processes, factoring, the statement of problems, and the solving of equations.

## II. Plane Geometry.

M. T. W. F. Three Terms.

The course begins with the organization of the student's past knowledge of form and with simple construction. Interest is aroused by the use of historical notes on the life and work of Euclid and other great mathematicians. Many original exercises, some of the elements of Trigonometry and application in the mechanical arts are given. Clearness of thinking is followed by accuracy of statement and logical reasoning.

## IIIa. Solid Geometry.

M. Th. Three Terms.

The methods pursued in plane geometry are continued and special attention is given to the solution of problems and the demonstration of propositions without the aid of a text.

## IIIb. Advanced Academy Algebra. T. F. Three Terms.

The subjects of Elementary Algebra are reviewed, with emphasis on quadratic equations, radicals, fractional exponents, proportion, variation, and the binomial theorem.

## SCIENCE

### I. Botany.

M. T. Th. F. Three Terms.

Roots, stems, leaves, flowers, and seeds of our common plants will first be studied. Then the simpler plants as bacteria, pond scums, molds, rusts, mosses, and ferns will be taken up. There will be identification of flowering plants in the spring term.

### II. Zoology.

M.-Th. Three Terms.

The course begins with a study of insects. Later the

other main groups of animals including fishes, frogs, reptiles, birds and mammals are studied. Some field work will be done in connection with the laboratory periods.

### III. Physics.

M.-Th. Three terms.

This is a general course extending over the entire subject. Its object is to give the student a thorough knowledge of the simpler experimental facts of physics. It treats of the general properties of matter, mechanics, sound, light, heat, magnetism and electricity. The work of the class room and laboratory supplement each other and are considered of equal importance. Each student is required to keep a complete and accurate record of the experiments performed.

## MUSIC

### I. Solfeggio.

M. Th. Three Terms.

A thorough drill in scale and interval singing, Time subdivisions. Theoretical material essential to good sight-singing.

### I. Ear Training and Dictation.

M. Th. Three Terms.

Melodic and rhythmic dictation within the key. The student is taught to reproduce in writing what he perceives by hearing.

### II. Solfeggio, Ear Training and Dictation.

M. Th. Three Terms.

Continuation of Solfeggio I, with more difficult exercises. Melodic dictation in two, three and four parts within the key. Identification of the various triads and sept-chords. Chromatic passing tones, transitions and modulations.

For full Music Course see pages 73-86.

## BUSINESS

## I. Bookkeeping.

M.-Th. Three Terms.

The H. M. Rowe Budget system of Bookkeeping and Accountancy is used. The principle of debit and credit is taught by the laboratory method and applied to different lines of business. The instruction being individual, the course may be taken by beginners and advanced students. Two hours' credit is given but by doing a satisfactory amount of work outside of class the student may register for four hours.

## II. Gregg Shorthand.

T.-F. Three Terms.

The work of the first term consists of drills on simple outlines, phrases and wordsigns. Ten lessons of the Gregg manual are covered.

During the second term lessons ten to twenty are covered, together with translations of well written shorthand articles and some practice in taking dictation.

The text of the third term is Gregg Speed Practice. Two days are devoted to dictation exercises so that the student acquires sufficient speed to enable him to make practical use of his shorthand.

## III. Commercial Arithmetic.

T.-F. Fall and Winter

Practical everyday business problems with special attention given to the subjects of Measurements, Percentage, Commission, Interest, and Stocks and Bonds.

## IV. Commercial Geography.

T.-F. Spring Term.

Deals with the various factors that control and influence commerce, with special reference to the United States.

## V. Commercial Law.

T.-F. Spring Term.

This course gives the student sufficient knowledge of the laws of commerce that he may conduct his business affairs with confidence. Some of the topics discussed are Contracts, Negotiable Papers, Partnerships, Corporations, Mortgages, Wills.

## VI. Typewriting.

M.-F. Three Terms.

Touch typewriting is taught on the Underwood and L. C. Smith machines. (No credit.)

## BIBLE

For description of the Bible courses offered as electives, see Bible School, pages 63-72.



# NORMAL SCHOOL

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GEORGE JAY LAPP, President.

JOHN J. FISHER, Principal.....Psychology, Education

MARTHA MARTIN ..... Education

JENNY TERRILL....Model Teacher in the Rural School

ISAAC CLAYTON KELLER ..... English

DANIEL S. GERIG ..... German

EPHRAIM J. ZOOK ..... Latin, French

WILLIAM B. WEAVER ..... History

DANIEL A. LEHMAN ..... Mathematics

JONATHAN M. KURTZ ..... Natural Science

SAMUEL W. WITMER ..... Biological Science

CHRISTIAN B. BLOSSER ..... Agriculture

VESTA ZOOK ..... Home Economics

JOHN E. WEAVER ..... Penmanship

AMOS S. EBERSOLE ..... Music

INA K. SLATE ..... Art

It is the aim of those in charge of the Normal School to give prospective teachers, a clear conception of the meaning and importance of education; an understanding of the developing child; a thorough knowledge of the subject matter to be taught; a mastery of approved methods of teaching; and withal, high ideals, a professional spirit and a desire to grow.

## THE INDIANA STATE TEACHER'S TRAINING BOARD

Having found Goshen College fully equipped for preparing teachers, has placed it on the list of "Accredited" schools doing such work for "Classes A and B."

Students are admitted to the Normal School upon graduation from a commissioned or certified non-commissioned high school. Certificates of such graduation must be filed with the Registrar before or at the time of entering.

COURSES FOR "CLASS A"

(Twelve Weeks.)

(a) One of the following subjects: Educational Psychology, Methods, History of Education, Child Study.

(b) One common school subject.

(c) One advanced study.

(d) Observation of Teaching.

(e) The following subjects are optional: Penmanship, Vocal Music, Art.

COURSE FOR "CLASS B"

(Twenty-four Weeks.)

(a) First twelve weeks: Course for "Class A" as stated above.

(b) Second twelve weeks: Same regulations as for "Class A," with no duplications, and a proper sequence of subjects.

TWO YEAR COURSE

Suggestive Curricula.

FIRST YEAR		
FIRST TERM	SECOND TERM	THIRD TERM
General Methods Grammar Advanced Subject Observation Vocal Music	Psychology Reading Advanced Subject Observation Vocal Music	Special Methods Geography Advanced Subject Practice Teaching Vocal Music
SECOND YEAR		
FIRST TERM	SECOND TERM	THIRD TERM
History of Education Principles of Education Advanced Subject Physiology Observation Public School Art	History of Education School Administration Advanced Subject Arithmetic Practice Teaching Public School Art	History of Education School Administration Advanced Subject American History Practice Teaching Public School Art or Penmanship

Students completing this course will receive a "Class B" Certificate and may receive two years' credit at the State Normal School toward the "Class C" Certificate.

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## PROGRAM OF COURSES

### VII. Elementary Psychology. M.-F. Fall Term.

An introductory course dealing with the fundamental processes of the mind. The implications of psychology for the teacher will be emphasized.

### VIII. Advanced Psychology. M. W. F. Fall and Winter Terms.

A course in the fundamentals of general psychology. While it is desirable that students electing this course have some knowledge of psychology, it will be given in such a way that mature students having had no previous courses in the field will be able to do the work. Open to second year students.

### IX. Educational Psychology. M. W. F. Spring Term.

A study of those phases of psychology which are directly connected with the learning and teaching processes. Native tendencies, the laws of learning, transfer of training, individual differences, tests of mental ability will be treated. Prerequisite VII or VIII.

### X. Experimental Psychology. T. Th. Three Terms.

A laboratory course open to students who have taken course VII or are taking course VIII. (Not given 1918-19.)

### XI. General Methods. M.-F. Winter Term.

A course dealing with the types of teaching and the mental processes involved and developed in learning the

common school subject. Special problems will be assigned.

XII. Special Methods. M.-F. Spring Term.

A study of modern and approved methods of teaching, and testing the results of teaching, the various elementary subjects. Actual tests will be conducted in the elementary grades.

XIII. History of Education. T. Th. Three Terms.

The purpose of this course is to give an historical understanding of the present day situation and tendencies in education. Educational doctrine and practice will be traced from antiquity to the present time. The great theorists of modern times will receive special emphasis.

XIV. Principles of Education. M. W. F. Fall Term.

A study of the meaning and aim of education as defined by leading educational theorists, in the light of the biological, mental and social sciences. Social efficiency and individual development will be discussed with a view of finding the proper relation between them.

XV. School Administration. M. W. F. Winter Term.

A study of the system of government of public education, its relation to the scheme of government of civil affairs, and the relation between local and central authority, with special reference to education in Indiana.

XVI. Secondary Education. M. W. F. Spring Term.

A brief study of the growth of the American high school, and a comparison of the same with the secondary schools of Europe will be followed by a study of present problems. Among the topics considered will be the curriculum, method, management, and the relation of the high school to elementary and higher education.

## XVII. Rural Education.

M.-F. Summer Term.

A brief review of the sociological and economic status of rural life will preface a discussion of rural education. The following topics will be discussed: Organization, maintenance, curriculum, buildings, grounds, equipment, teaching force, supervision.

## XVIII Observation of Teaching.

Hours to be arranged. Three Terms.

The College maintains a Model Rural School a short distance from the campus and easily accessible by trolley. The school is in charge of a teacher of training and experience and offers opportunity for the observation of expert teaching. The Goshen City Schools also allow students to observe in all the grades. Students are required to make reports of their observations, and meet in conference with the instructor in charge. The purpose of the conference hour is to direct and interpret the student's observation.

Students preparing to teach in Indiana much take at least one hour of Observation per term. Two hours may be taken in any one term.

## XIX. Practice Teaching.

Hours to be arranged. Three Terms.

A limited amount of actual teaching of the common branches under supervision is provided. While the class taught will be entirely in charge of the student the instructor in charge of the course will observe his teaching in conference. Only those having had sufficient training will be allowed to take this work.

Those desiring such teaching experience must notify the Principal of the Normal School at least three months before the opening of the term during which the work is desired, so that proper arrangements may be made to organize classes.

XX. Grammar.

M.-F. Summer Term.

A critical study of the essentials of English grammar, especially the sentence and parts of speech, with emphasis on the relation of words and their correct combination in sentences and a discussion of methods of teaching formal grammar in the grades.

XXI. Arithmetic.

M.-F. Winter Term.

The aim of this course is to give facility and accuracy in solving problems, to explain and simplify the principles underlying the subject, and to give suggestions and training in teaching. Exercises from various books and examinations are worked; blocks, coins, weights and measures and drawings are used in illustrating.

XXII. Geography.

M. F.-Summer Term.

The leading countries and nations of the world are studied geographically with special emphasis on the basic principles about which the facts of geography naturally cluster. It is essentially a study of man's environment and its influences on civilization and trade.

XXIII. Physiology.

M.F. Fall Term.

A study of the structure and functions of the human body. The didactic and laboratory methods are combined in such a way as to give the student a comprehensive and scientific knowledge of human physiology and the laws of health. The text work is made more clear by the aid of charts, models, and a few experiments.

XXIV. American History.

M.-F. Spring Term.

The work in history aims to unify and systematize the student's knowledge of the subject. Topics are chosen that are typical in their character, which when grouped together will give a view of real movements and important phases in our history. The usual amount of time



will be given to special instruction in methods of teaching.

XXV. Penmanship.

M.-F. Each Term.

Directions are given for the proper position at the desk, the proper movement, so that the student may learn to write legibly and rapidly without tiring. An unshaded, simplified style is taught.

XXVI. Methods in Common Branches.

M.-F. Three Terms.

While courses XX-XXIV give considerable attention to the teaching of the subject matter, courses will be offered in which the best methods of teaching the common subjects will receive primary emphasis. The courses are: Methods in Grammar, Methods in Arithmetic, Methods in Geography, Methods in History, Methods in Physiology, and Methods in Reading. Not all of these will be given in any one year—the ones given depending upon the demand.

XXVII. Vocal Music.

T. Th. Three Terms.

The cultural value to a student of a course in music is alone sufficient reason for his pursuing it. This particular course in vocal music, or Solfeggio, will give him sufficient musical knowledge and training to meet the demands made of the teacher in the public schools. The course includes a thorough drill in scale and interval singing, eartraining and dictation, time subdivision and part singing and all theoretical material essential to good sight singing.

XXVIII. Public School Music Methods.

T. F. Three Terms.

Problems and methods in the primary grades; the intermediate grades; the grammar grades, rote songs and how to teach them, the child voice, monotones, from the

song to notation, sight reading, tone thinking, rhythm, beating time, song interpretation, individual singing, part singing, how to conduct the music period, supervision, relation of supervisor to superintendent and teachers, material for all occasions, high school course, glee club, chorus and orchestra observation in city schools. The student must be able to sing the music to be used at sight.

Note: For description of other courses in music see pages 73-86.

XXIX. I. Public School Art. Double Period.

T. W. Three Terms.

This course will present the theory, methods and psychology of teaching drawing in the public school grades. It will consist also of realistic and decorative drawing, picture study, design and construction.

XXX. II. Public School Art. Double Period.

T. W. Three Terms.

A course in High School drawing including the study of principles of design and color, with practice in the making of posters, advertisements and other forms of Commercial Art and the designing for interior decoration.

### HIGH SCHOOL AND COLLEGE COURSES

Are fully described in the College and Academic Departments.

### SUMMER SCHOOL

Special attention is given to the training of teachers during the Summer Term. For information see Summer School and write for Summer School Bulletin.

# SCHOOL OF AGRICULTURE

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GEORGE G. LAPP, President.

CHRISTIAN B. BLOSSER, Dean .....

..... Agronomy and Horticulture

SAMUEL WITMER ..... Biology and Botany

JONATHAN M. KURTZ ..... Physical Science

DANIEL A. LEHMAN ..... Mathematics

ISAAC CLAYTON KELLER ..... English

JOHN E. WEAVER ..... Bookkeeping

It is the aim of the School of Agriculture to offer such courses as will insure not only a broad cultural education but also a thorough training in the science as well as the art of Agriculture. It is our purpose to correlate in so far as is possible the theory taught in the class room with actual practice in the fields and buildings of the College Farm.

Four distinct types of work are offered: a regular four year course of study; a twenty-four weeks' short course; courses for grade teachers; and courses in the Academy for high school students.

## COLLEGE COURSE

The four year course is of college grade and is organized into three Departments; a Department of Animal Husbandry; a Department of Agronomy; and a Department of Horticulture. Students are thus given the opportunity to follow their particular lines of interest. The courses in the first two years are prescribed. A considerable number of electives are allowed in the last two years as is shown in the outline of courses.

Students are required to major in one of the three

Departments at the beginning of the junior year subject to the general regulations of the College.

### COURSE OF STUDY

#### FIRST YEAR

FIRST TERM	SECOND TERM	THIRD TERM
Farm Crops I.....3	Farm Crops I .....3	Farm Crops II... ..3
Chemistry II.....3	Chemistry II .....3	Chemistry II .....3
English VI .....2	English VI .....2	English VI .....2
Botany IV .....5	Botany IV .....5	Agricultural Botany ...5
Animal HusbandryVIII.2	Animal HusbandryVIII.2	Animal HusbandryVIII.2

#### SECOND YEAR

Animal Husbandry I...3	Animal Husbandry I...3	Animal Husbandry I...3
Chemistry III.....5	Chemistry III, Soils IV.5	Soils IV.....5
Mathematics IV.....5	Mathematics IV.....5	Animal HusbandryVII.5
Zoology III.....3	Zoology III .....3	Entomology.....3

#### THIRD YEAR

Agronomy V.....3	Agronomy V.....3	English XI .....3
English XI .....3	English XI .....3	Physics VI, or....4
*Physics VI, or....4	Physics VI, or....4	Horticulture I.....5
Animal Husbandry II...5	Agronomy X.....5	Electives .....7
Electives .....4	Electives .....4	

#### FOURTH YEAR

Agronomy VIII .....3	Agronomy VIII .....3	Agronomy IX .....3
**Economics XIV .....3	Economics XIV .....3	Agronomy XI.....3
Electives .....9	Electives .....9	Electives ... ..3

\* Required of Students who have not had Physics 1.

\*\* Seniors expecting to teach Agriculture are required to take Education courses VIII, XII and Agronomy XII.

### ANIMAL HUSBANDRY

I. Animal Husbandry. M. W. F. Three Terms.

This course is a study of the most important breeds of live stock; includes production, care, management and judging. Laboratory work consists of judging and the actual care of live stock on the College Farm.

II. Dairy Husbandry. M.-F. Fall Term.

A study of milk production and milk products, milk

testing, separating, buttermaking, cheesemaking, and practical cow-testing.

III. Live Stock Judging. M.-F. Spring Term.

A laboratory course designed for students who major in Animal Husbandry. Laboratory work consists entirely of practical judging of different classes of live stock. Prerequisite course I. Not given 1918-19.

IV. Animal Breeding. M. W. F. Winter Term.

This course deals with the underlying principles of animal breeding with particular reference to the choosing of foundation stock, selections, pedigrees of breeding animals, the development of young stock, the general management of the breeding business, and breeders' associations. Prerequisite course I. Not given 1918-19.

V. History of Breeds. M.-F. Fall Term.

This course takes up the origin of the breeds of live stock and the methods of establishing and maintaining pure bred and high grade herds and flocks. Prerequisite course I. Not given 1918-19.

VI. Veterinary Science. M. W. F. Fall Term.

A course which deals with the gross anatomy and physiology of the animal body, particular attention being given to the diagnosis and treatment of common diseases of farm animals. Prerequisite course I and Zoology IV. Not given 1918-19.

VII. Feeds and Feeding. M.-F. Winter Term.

This course takes up the problems of animal nutrition, feeding standards, feeding stuffs, calculating rations, preparation of feeds, manurial value of feeds, and feeding practice on the farm. Prerequisite course I.

## VIII. Poultry Husbandry. T. Th. Three Terms.

This work begins with a study of the breeds of poultry and includes the study of housing, feeding, hatching and rearing of chicks, poultry diseases, fattening and marketing. The course is arranged with reference to seasonal sequence and the laboratory work consists of actual management of flocks, judging, and preparation for market.

## AGRONOMY

## I. Farm Crops. M. W. F. Fall and Winter Terms.

A laboratory and class room study of the history, botanical characters, adaptations, distribution, and culture of the principal cereals with reference to local conditions. Laboratory work in grain judging and seed testing.

## II. Forage Crops. M. W. F. Spring Term.

A study similar to course I, of the legumes, grasses, and other forage crops.

## III. Weeds and Weed Control. M. W. F. Fall Term.

This course deals with the habits, collection, identification and control of noxious weeds, and their relation to farm crops. Not given 1918-19.

## IV. Soils. T. Th. F. Fall and Winter Terms.

Lyon, Fippin and Buckman's "Soils" is used as a text. The work covers such subjects as the physical properties of soils, organic matter, colloidal matter, soil water, heat control of soil water, etc. Laboratory and recitations. Not given 1918-19.

## V. Agricultural Chemistry. M.-F. Last Half of Year.

The first part of this course takes up the principles of quantitative analysis and is followed by the chemistry



of feed stuffs, soils, fertilizers, etc. Prerequisite, General Chemistry and Qualitative Analysis. Not given 1918-19.

VI. Soil Survey. M.-F. Spring Term.

A soil survey will be made of a limited area near the College. Lecture, laboratory, and field work. Not given 1918-19.

VII. Soil Management. M.-F. Winter Term.

This course deals with the problems of choosing and equipping a farm, types of farming, maintenance of fertility, capital required, systems of rental, laying out the farm, systems of cropping, and marketing of farm crops. Not given 1918-19.

IX. Farm Bookkeeping. M. W. F. Spring Term.

A course in practical farm bookkeeping especially designed to meet the needs of those students who expect to do practical farm work.

X. Farm Machinery. M.-F. Winter Term.

This course deals with the principles and practice of operating farm machinery, including tillage, seeding and harvesting implements, manure spreaders, feed mills, wagons, pumping machinery, steam engines and gasoline engines, and the principles of cementing.

XI. Farm Engineering. M. W. F. Fall Term.

This course is a study in the laboratory, field, and class room of farm drainage, irrigation, roads, farm motors, farm structures and farm sanitation. Not given 1918-19.

XII. Agricultural Education. M.-F. Spring Term.

This course takes up a brief review of the history

of agricultural education and includes also, methods of teaching, planning and organizing of courses, selection of subject matter, and equipment. Not given 1918-19.

## HORTICULTURE

### I. Horticulture Practice. M.-F. Spring Term.

A course in general horticultural practice designed to meet the needs of students who expect to return to the farm as well as an introduction to succeeding courses. Includes practice in seed germination, transplanting, tillage, grafting, pruning, spraying, hotbed construction and management, and planning the home garden.

### II. Vegetable Gardening. M.-F. Spring Term.

A study of common vegetable crops and the management of the home garden, garden planning, garden rotation, succession and companion cropping, hotbed and cold frame construction and management. Laboratory work will consist largely of actual gardening.

### III. Small Fruits. T. Th. Fall Term.

The strawberry, raspberry, blackberry, gooseberry, currants and grapes will be studied with reference to their history, methods of planting, pruning, soil fertilization, cultivation, insect control, and harvesting. Not given 1918-19.

### IV. Orchard Fruits. T. Th. Winter and Spring Terms.

This course will be a study of home and commercial orcharding, laying out, planting, pruning, and care of the young orchard, renovation of old orchards, harvesting, grading, packing and sorting of fruit. Prerequisite course I. Not given 1918-19.

### V. Systematic Pomology. M.-F. Winter Term.

This course includes botanical classification of the

common fruits and the identification and judging of orchard fruits. Prerequisite course I. Not given 1918-19.

VI. Landscape Gardening. M.-F. Fall Term.

This course deals with the principles of landscape gardening with particular reference to the laying out and planting of the home grounds and school grounds. Work begins with a study of ornamental shrubs, vines and trees adapted to landscape work. Not given 1918-19.

VII. Agricultural Botany. M.-F. Fall Term.

A study of the structure and physiology of agricultural plants, methods of propagation, and classification.

VIII. Plant Pathology. M.-F. Fall Term.

This course deals with the nature, causes and control of garden and orchard crops and includes collection of specimens, laboratory and field studies. Not given 1918-19.

IX. Economic Entomology. M.-F. Spring Term.

This course treats of economically important insects with special reference to life history, habits, injury to plants, and methods of control. Laboratory work includes identification, classification, and field studies. Prerequisite Zoology III.

X. Plant Breeding. M.-F. Winter Term.

This course is a study of the principles of variation, mutation, heredity, and plant breeding with reference to their application to the improvement of agricultural plants. Not given 1918-19.

# BIBLE SCHOOL

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GEORGE JAY LAPP, President.

.....	Old Testament
IRVIN R. DETWEILER, Dean .....	New Testament
WILLIAM WEAVER .....	History
MARTHA MARTIN .....	English
AMOS EBERSOLE .....	Vocal Music

The Bible School is organized and maintained to meet the needs of two classes of students. It aims to give all students an opportunity to obtain a comprehensive knowledge of the great themes of the Bible while they are at the same time taking their training in college. It also aims to give special opportunity for thorough Bible study to those who are planning to take up direct religious work. The school gives the student a broad and practical knowledge of the history, literature and thought of the Bible by the best methods of interpretation and independent study. The courses vary in scope and method so that the need of practically every one may be served.

The curriculum is so arranged and the courses so planned that the best inductive methods may be used. The student is taught theology after the way has been carefully prepared by the inductive, practical and scriptural methods. Instead of approaching the themes in theology from a dogmatic or philosophic point of view the student is led into the truth.

## REGULAR COURSE

This course covers two years and is open to those who have completed a four year Academy or High School course. In addition to the careful inductive and exegetical work in the English Bible, both Old and New Testament, several courses in the Greek New Testament and an introductory course in Old Testament Hebrew are given.

These with the work in Theology, Practice, Church History, Missions, and Vocal Music make a unified and well balanced system of courses, especially helpful to Missionaries, Church and Sunday School workers.

## CURRICULUM

### FIRST YEAR

FIRST TERM	SECOND TERM	THIRD TERM
Old Testament I .....	Old Testament II .....	Old Testament III .....
New Testament I .....	New Testament II .....	New Testament III .....
Bib. Theology I .....	Bib. Theology II .....	Bib. Theology III .....
Greek III .....	Greek III .....	Greek III .....
Principles of Rel. Ed .....	The Church School .....	Psychology of Religion ..

### SECOND TERM

Old Testament IV .....	Old Testament IV .....	Old Testament V .....
New Testament IV .....	New Testament V .....	New Testament VI .....
Bib. Theology IV .....	Bib. Theology V .....	Bib. Theology VI .....
Greek IV .....	Greek IV .....	Greek IV .....
Electives from Either		New Testament or Church History

## PROGRAM OF COURSES

### OLD TESTAMENT LITERATURE AND INTERPRETATION

Special attention is given to the chronological order of the scripture material and the historical settings of the prophecies, their genetic relation to the political, social and religious environment, the element of moral and spiritual truth which they convey and any Messianic predictions they may contain. After the historical background of the period is laid the prophetic messages are studied in detail upon the basis of the scripture material. These courses furnish an introduction to the various departments of Old Testament study.

#### I. History.

M. W. F. Fall Term.

The history of Israel is traced from the conquest to the fall of the Northern Kingdom, by an analytical and comparative study of the portions of Joshua, Judges,

Samuel, Kings, and Chronicles that deal with this period.  
Not given 1918-19.

II. Prophecy. M. W. F. Winter Term.

Prophecy to the fall of the Northern Kingdom. A study of the rise, content, classification, definition and principles of prophecy and a detailed study of Amos and Hosea. Not given 1918-19.

III. The Southern Kingdom. M. W. F. Spring Term.

The history of the Southern Kingdom from Uzziah to the fall of Jerusalem with special study of Isaiah and Micah. Not given 1918-19.

IV. Babylonian Period. M. W. F. Fall and Winter Terms.

The literature of the Babylonian period of Judah's History, Babylonian Exile, the Greek age to the Maccabean revolt. The same aim and method in the study of Old Testament History and Prophecy will be continued as in Course I.

V. Poetry and Wisdom. M. W. F. Spring Term.

A general survey of the Hebrew Poetry and Wisdom Literature with a more careful study of the characteristic selections. The aim is to familiarize the student with this phase of Old Testament literature.

NEW TESTAMENT LITERATURE AND INTERPRETATION

This course aims to make the student familiar with the origin and development of our New Testament writings. In the study of the several books each book is considered with respect to its historical setting, literary character, author, first readers, occasion, aims, and social ethical and doctrinal teaching. The discussion and lec-



tures in class are supplemented with assigned readings and written reports.

I. Gospel of Luke. T. Th. Fall Term.

In addition to the work of introduction special attention is given to the sections peculiar to this Gospel, and a discussion of the synoptic problem. Not given 1918-19.

II. The Book of Acts. T. Th. Winter Term.

The beginning of Christianity, growth in Palestine and the work of Paul. Not given 1918-19.

III. Pauline Epistles. T. Th. Spring Term.

The general principles of introduction are used in a study of Pauline Epistles with a careful study of Galatians and Phillipians. Not given 1918-19.

IV. Gospel of John. T. Th. Fall Term.

A thorough inductive study of the Gospel. Development of thought is traced and the leading terms of the Gospel are studied in preparation for a study of Johannine Christology in the following course.

V. The Epistles of John. T. Th. Winter Term.

The epistles are used to supplement the teachings in the Gospel in the development of the Christology of the Johannine literature.

VI. The Catholic Epistles. T. Th. Spring Term.

The Epistles of James, Peter and Jude. The same inductive and analytical method will be used as in the preceding courses.

## LANGUAGE

I. Greek. M. W. F. Three Terms.

The first two terms are devoted to a mastery of the elements of the New Testament Greek and a vocabulary

sufficient to begin the reading of the Gospel of John. The third term is devoted to reading the Gospel of John and a review of the grammar studied in the preceding terms. Prerequisite, two years' training in language study.

## II. Greek.

M. W. F. Three Terms

A careful translation of Mark, Matthew and Luke, Word study and the application of moods and tenses of the Greek language. The grammatical study with special emphasis on syntax will continue through the year.

## III. Greek.

T. Th. Three Terms.

A translation of the Acts of the Apostles, miscellaneous epistles and selections from Septuagint. Special attention will be given to the mastery of the grammatical and lexical peculiarities of the Hellenistic Greek and the relation that the Septuagint sustains to the Hebrew of the Old Testament and the Greek of the New Testament.

## EXEGESIS

## IV. Greek.

T. Th. Three Terms.

The Epistles to the Romans and the Hebrews are studied. Special attention will be given to the problems and teachings of the primitive church and the doctrines that grew out of them. The methods will be a presentation by the class of the results of exegetical study using only the Greek text, lexicons and grammars, with work on introduction. Careful work will be done in translation, brief commentary and close paraphrase.

## BIBLICAL THEOLOGY

## I. New Testament Times.

M. W. F. Fall Term.

The course aims to study the political, social, economic, and religious conditions of the Jewish people during the New Testament times and their relation to the be-

ginnings of Christianity. It deals with the materials necessary for an adequate understanding of the life of Jesus. Not given 1918-19.

II. The Life of Jesus.

M. W. F. Winter Term.

A careful historical study of Jesus' purpose, method, characteristics of His message, work and personality. Special attention will be given to His parables, miracles and meaning of His life to history. The course is an introduction to the teachings of Jesus. Not given 1918-19.

III. The Teachings of Jesus.

M. W. F. Spring Term.

This course aims to interpret the teachings of Jesus in the light of the Judaism and the historical background of Jesus' day. There will be a careful classification and analysis of the content of His sayings and a study of the meaning of His teachings for the present. Not given 1918-19.

IV. The Life of Paul.

M. W. F. Fall Term.

The historical conditions of Paul's life, his relation to Judaism and the Greek world; his conversion and important events of his life; Paul as a missionary, as a New Testament writer and as a man of God.

V. The Teachings of Paul.

M. W. F. Winter Term.

This course is based on the historical and careful exegetical study of the New Testament. It aims to give a thorough acquaintance with the materials, the fundamental principles in the teachings of Paul. His teaching on Law, Sin, Grace, Flesh and like subjects will be studied.

VI. The Teachings of Jesus from the Literature of John.

M. W. F. Spring Term.

A study of the sayings of Jesus as recorded by John. There will be a classification and analysis of these say-

## RELIGIOUS EDUCATION

## I. Principles of Religious Education. M. W. F. Fall Term.

This course is designed to give the student a brief survey of the history of religious education, its aims and place in the church and home, and a working knowledge of the principles that should guide every effort in the teaching activity of the church.

## II. The Church School. M. W. F. Winter Term.

This is a study of the principles and methods of teaching and organizing the teaching work of the church; a study of the religious aspect of child life and youth, and its bearing on the work of the Sunday School.

## III. Psychology of Religion. M. W. F. Spring Term.

A study of religious experience with the purpose of understanding the factors which are important in the growth of Christian character. It is a study of the fundamental elements of the religious life. Special attention will be given to the study of the adolescent period. Pre-requisite General Psychology.

## ENGLISH COURSE

There are those who are or might be effective workers in the Lord's cause who have a very limited education, and who have no knowledge of Greek, and are otherwise not prepared to take the regular course, but desire a better knowledge of the English Bible.

The English course has been outlined for their special benefit. The Bible subjects in this course are studied from the sacred book itself and not from books about the Bible.

## TWO YEARS COURSE.

FIRST YEAR		
FIRST TERM	SECOND TERM	THIRD TERM
Biblical Intro. O. T.....	Biblical Intro. O. T.....	Biblical Intro. O. T.....
Life of Jesus .....	Life of Jesus.....	S. S. Methods .....
English I.....	English I.....	English I .....
History I.....	History I.....	History I.....
Music .....	Music .....	Music.....
SECOND YEAR		
Biblical Intro. N. T.....	Biblical Intro. N. T.....	Biblical Intro. N. T.....
Life of Paul .....	Leaders in the Christian	Leaders in Christian
Eng. II .....	Church .....	Missions.....
Personal Work.....	Eng. II .....	Eng. II.....
Music .....	Homiletics.....	Homiletics. ....
	Music.....	Music .....

Biblical Intro. Old Testament.

T.-F. Three Terms.

The purpose of this course is to give the student a thorough working knowledge of the Old Testament in English. The student will read the entire Old Testament and locate each book in its chronological order. Outline certain books; write on select subjects. Attention will be given to the literature of the Old Testament history of the Hebrews and reading of the entire prophetic literature. Not given 1918-19.

Biblical Intro. New Testament.

T.-F. Three Terms.

This course aims to give the student a serviceable knowledge of the books of the New Testament. The text book is the Bible. The whole New Testament will be read through. Not given 1918-19.

Life of Jesus.

T.-F. Fall and Winter Terms.

An inductive study of the Life of Jesus on the basis of the Gospels.

Sunday School Methods.

T.-F. Spring Term.

This course is designed to aid the teacher or prospective teacher to meet the needs and demands of the pres-

ent Sunday school teaching. A study will be made of childhood, adolescence, methods, attention, interest, general organization of the Sunday School and like questions that continually confront the Sunday School teacher.

Life of Paul.

T.-F. Fall Term.

A chronology of his life, his conversion, his missionary journeys, his attitude toward the church at Jerusalem, as a missionary and the character of his letters.

Leaders in the Christian Church.

T.-F. Winter Term.

A study of the church fathers and the leaders of the Christian Church to the beginning of the modern missionary movements.

Leaders in Christian Missions.

T.-F. Spring Term.

A study of the great missionaries from the beginning of the modern missionary movement to the present time.

Personal Work.

An inductive study based on the scripture with application to modern men and methods. General principles, motives, message, method and aim.

Homiletics.

Winter and Spring Terms.

Construction and delivery of addresses and sermons.

Church History.

T.-Th. Three Terms.

This course will cover an outline of Church History from the beginning of the church to the present time. The first term will cover the history from the beginning to 590 A. D. The second term will cover from 590 A. D. to the Reformation. The third term will extend from the Reformation to the present time.



### SHORT BIBLE TERM

The short course in Bible study has been a feature of the institution for a number of years and has become a great help to many young people, Sunday School workers and the ministry.

The work in this course is done as thoroughly as can be expected in six weeks. The same attention is given in this work as in any department of the institution. Lessons will be assigned each day which will be taken up the next day in class recitation and general discussion. The student is taught how to study his Bible independently.

During the short course the student rooms and boards at the school which gives him all the time between classes for study and preparation of definite assigned lessons. He has the opportunity to meet and become acquainted with the large number of young men and women who are attending college.

The library gives large opportunities for reading and selecting books for future use. It contains a large number of religious books such as Bible and Church Histories, Bible Dictionaries and Geographies, Commentaries, Maps and Charts to all of which the student has free access.

Note.—Courses are so arranged that those who desire to remain longer than six weeks may, by special permission enter the regular courses. Write for special bulletin.

### ENGLISH AND HISTORY

For description of these courses see pages 21, 25 and 40-41.

### MUSIC

For description of these courses see pages 73-86.

# SCHOOL OF MUSIC

---

GEORGE G. LAPP, President.

AMOS S. EBERSOLE, Director .....

..... Voice, Solfeggio, Choral

OTTO HOLTKAMP ..... Piano, Theory

ELVINA S. EBERSOLE ..... Voice, Dictation

EUNICE GUTH ..... Piano, Theory

GERARD DINKELOO ..... Public School Music

INA K. SLATE ..... Public School Art

ISAAC CLAYTON KELLER ..... English

## GENERAL STATEMENT

Music is no longer considered a mere luxury for the select few but an essential part of the present day education. No education can be considered complete without a fair knowledge and appreciation of music. The reading and writing of music demands concentration and rapidity of thought and action and its value as a mental discipline is unsurpassed.

For those who wish to specialize in music as a profession there are now abundant opportunities in the public schools and colleges, and as private teachers, as soloists, evangelistic singers and as accompanists.

It is the particular aim of the School of Music to give thorough instruction in such practical and theoretical studies in music as will properly qualify the student for the profession as teacher and artist. The courses of study are especially designed, however, to meet the requirements of three classes of students:

First. Students who are candidates for a certificate or diploma in music.

Second. Students registered in the other departments

of the College, taking some form of music as a part of their regular college course.

Third. Special students who may take one or more studies in this department, although not otherwise registered in the college.

NOTE: The two classes of students who are not candidates for a certificate or diploma in music may select any of the practical or theoretical subjects they desire for which they are qualified.

### COLLEGE CREDIT FOR MUSIC

College credit to the extent of twenty-seven term hours is given for work in harmony, history of music, solfeggio and dictation II and other courses in the theory of music. Academy or high school credit is given for work in public school music methods and public school art. The amount of work that normal students may take in music depends on the courses for which they register and the kind of teaching for which they are preparing.

### COURSES

- I. Teacher's Certificate Course.
- II. Diploma Course in Singing.
- III. Diploma Course in Piano.
- IV. Supervisors' Course in Public School Music.
- V. Public School Art.
- VI. Choristers' Course.

### TEACHERS' CERTIFICATE COURSE

This course is intended to qualify the student for a musical career as a private teacher or for teaching in institutions, normals, schools, etc. Outline of required studies is here given with the time required for the average student.

## FIRST YEAR:

Piano and Voice, at least two half periods each per week.

Solfeggio I.

Ear Training and Dictation I.

Harmony.

College or Academy Subject.

Attendance at recitals and concerts.

## SECOND YEAR:

Piano and Voice.

Solfeggio and Dictation II.

Harmony II and III.

History and Appreciation of Music.

Choral.

Church Music.

College or Academy Subject.

Part in Recitals and Concerts.

## THIRD YEAR:

(a) For students majoring in piano.

Piano. One full period and one half period lesson per week.

Harmonic and Formal Analysis.

Counterpoint.

Normal Piano Methods.

Sight Playing.

Ensemble.

Public Recital.

(b) For students majoring in Singing.

Voice. One full period and one half period lesson per week.

Harmonic and Formal Analysis.

Counterpoint.

Vocal Methods.

Theory and Practice of Choral Conducting.

Public Recital.

Foreign Language.

Choral.

## DIPLOMA COURSE

The Diploma Course in piano playing and in singing are intended for those who wish to do more highly specialized work in these subjects than is possible in the shorter courses. A diploma of graduation will be awarded those who satisfactorily complete either course as outlined below. Time required is from one to two years in addition to Course I.

## REQUIREMENTS

## 1. For Piano:

Completion of Course I.  
Continuation of Piano.  
Counterpoint and Composition.  
Accompaniments or Ensemble.  
College Subject, optional.  
Public Recital.

## 2. For Singing:

Completion of Course I.  
Voice Culture.  
Repertoire Building.  
Counterpoint and Composition.  
College Subject, optional.  
Public Recital.

## PUBLIC SCHOOL MUSIC

This is a two year course especially designed for prospective teachers and supervisors of music in the public schools. It consists of thorough and systematic courses in such subjects as are directly essential to successful teaching and supervising. It includes, besides harmony, history of music, psychology, voice culture and piano, a study of suitable material for all the grades and the high school and the best methods of presenting the same.

The city schools offer an opportunity for extensive observation. Some practice teaching is done in the class.

**FIRST YEAR:**

Piano and Voice, at least two half periods each per week.

Solfeggio I.

Ear Training and Dictation I.

Harmony I.

Public School Art, optional.

College Subject.

Recitals and Concerts.

**SECOND YEAR:**

Piano and Voice.

Solfeggio and Dictation II.

Harmony II and III.

History and Appreciation of Music.

Public School Music Methods.

Observation in City Schools.

High School Art, optional.

Choral.

Recitals and Concerts.

NOTE: Candidates for a diploma of graduation from this course must be graduates from a first class high school or its equivalent.

**PUBLIC SCHOOL ART**

This is a two years' course designed primarily to qualify the student to teach or supervise art in the public schools, the course is open, however, to anyone, regardless of his future intentions. Most of the work is done in classes meeting for a double period lesson twice a week. If desired it can quite easily be taken in connection with public school music, domestic science, or any other subject which the student may be preparing himself to teach.

See also Art I and II, page 71.

**CHORISTERS' COURSE**

This course is designed for choristers, evangelistic singers, etc., who can spend only a short time in school.



Talented students can complete the course in one year.

Studies involved are: Voice, solfeggio, ear training and dictation, harmony, church music, one bible and one academy or college subject.

### DESCRIPTION OF THEORETICAL COURSES

#### I. Harmony. T-F. Three Terms.

A study of scales, intervals, principal triads, cadences, connection of triads, harmonization of given melody, subordinate triads, inversions, chords of seventh and ninth in major and minor, all classes of discords, modulation.

#### II. Harmony. T-F. Fall and Winter Terms.

Modulation continued, altered chords, mixed chords (all forms of modulation), enharmonic exchange, suspension, appoggiatura and anticipation, passing tones and embellishment, organ point, florid melodies, accompaniments, chorales.

#### III. Harmonic Analysis. T-F. Spring Term.

A study of cadences, modulations, non-harmonic tones, etc., with special reference to harmonic construction, analyzing of works by Schumann, Chopin, Czerny and others. Prerequisite Harmony I and II.

#### IV. Simple Counterpoint.

M. Th. Fall and Winter Term.

Counterpoint in one, two, three and four part writing. Prerequisite Harmony I, II and III.

#### V. Analysis of Music Form. M. Th. Spring Term.

A study of fundamental details from the motive and primary form through the development of the composite forms with analysis of important types both classic and modern. Prerequisite Harmony I, II and IV.

**VI. Advanced Counterpoint. T.-F. Three Terms.**

A continuation of Course IV ;double counterpoint, canon and fugue.

**VII. History and Appreciation of Music. T.-F. Three Terms.**

A study of the evolution and art of music beginning with the uncivilized and ancient peoples, continuing up through the mediaeval period, church and secular music, the classical, romantic and modern schools.

**I. Solfeggio (Sight Singing.) M. Th. Three Terms.**

A very practical course for all students. A thorough drill in note reading and theoretical material essential to good sight singing. Study of motives and figures and their application to melodies. Text used "Progressive Music Series," Books, I, II and III.

**I. Ear Training and Dictation. M. Th. Three Terms.**

Oral and written melodic and rhythmic dictation within the key, in one or two parts, recognition of principal triads. This course should be taken with Solfeggio I.

**II. Solfeggio, Ear Training, Dictation. M. Th. Three Terms.**

A review of principles of Solfeggio I and a continuation thereof with more difficult songs and exercises. Melodic dictation in two, three and four parts. Identification of the various triads and sept-chords. Chromatic passing tones, translations and modulations. Text, "Progressive Music Series," Book IV, Supplemented.

**Sight Playing and Accompanying. M. Th. Three Terms.**

It is the aim of this course to develop in the student the ability to think clearly and act quickly, thus enabling

him to play difficult music at first sight. The art of accompanying will also be taken up, and will be made directly practical to the student by requiring at least one hour per week during two terms in the voice studio.

Normal Piano Methods.

W. Three Terms.

A course in elements and application of modern methods in teaching with special reference to children and intermediate grades. Particular phases will be emphasized by demonstration in actual teaching. Each student will be required to teach selected pupils under observation of the class and direction of the instructor.

Normal Vocal Methods.

W. Spring Term.

Lectures and round-table discussions on various phases of voice culture and song interpretation, and practice teaching.

Church Music.

W. First half of Winter Term.

Informal lectures on the history, general character and present day usage of church music, with special reference to the hymn and congregational singing. Considerable attention will also be given to leadership in singing, song selections and various other practical phases of worship-music will be taken up.

Public School Music Methods.

T.-F. Three Terms.

Problems and methods in the primary grades; the intermediate grades; the grammar grades, rote songs and how to teach them, the child voice, monotones, from the song to notation, sight reading, tone thinking, rhythm, beating time, song interpretation, individual singing, part singing, how to conduct the music period, supervision, relation of supervisor to superintendent and teachers, material for all occasions, high school course, glee club, chorus and orchestra observation in city schools. The

student must be able to sing the music to be used at sight.

I. Public School Art. Double Period.

T. W. Three Terms.

This course will present the theory, methods and psychology of teaching drawing in the public school grades. It will consist also of realistic and decorative drawing, picture study, design and construction.

II. Public School Art. Double Period.

T. W. Three Terms.

A course in high school drawing including the study of principles of design and color, with practice in the making of posters, advertisements and other forms of Commercial Art and the designing for interior decoration.

## PRACTICAL COURSES

It is impossible to give a definite outline of the courses of study in singing and in playing for the reason that they vary more or less for each student according to his individual requirements.

The following outline of studies for the piano and the voice indicate the standard of technical difficulty in the various grades. The time required is usually three or four years for the average student having some knowledge of the elements of music to begin with but much depends upon the ability of the individual to make progress.

## PIANO

"Quite aside from the value of the music and its spiritual enlightenment, (the student) gains so much in the general perception, in actual development of hands and eyes, in quick muscular response to an intellectual purpose, that the mastery of the piano is worth while in and for itself . . . It is manual training of the first order

in addition to being an art which opens up such a large avenue for self-expression, and supplies one more vital interest for the enrichment of daily life."

—Henderson.

## I. FOR THE TEACHERS' CERTIFICATE COURSE.

### Elementary:

Technical exercises, scales, studies, sonatinas and suitable pieces by various composers.

### Intermediate:

Technical exercises, scales, arpeggios, double thirds, octaves, studies by Czerny, Cramer and Clementi, sonatas and pieces by Haydn, Mozart, Bach, Schumann and others.

### Advanced:

Studies by Clementi, Czerny and Chopin, pieces Bach, Beethoven, Chopin, Schumann and modern composers.

## II. FOR THE DIPLOMA COURSE.

Advanced studies by Chopin, Liszt, pieces by Bach, Beethoven, Brahms, Modern Composers, including concerto from the following: Beethoven, Chopin, Saint Saens, Tschaikowsky, MacDowell.

## PIANO LESSONS FOR CHILDREN

These lessons will be given by one of the regular instructors in piano. They are twenty minutes in length and may be taken after school or on Saturdays. A special rate of tuition is given. See Expenses, page 115.

## VIOLIN

The School of Music does not offer courses in violin, but arrangements can be made with private teachers for those who wish to study this instrument.

## SINGING

Cultivation of the voice in singing as well as in elocution is now being regarded as an important branch of education by the leading men of our colleges and universities. To sing well requires a thorough knowledge of the voice and how to use it. Hence the formation of a good technical foundation is of first importance. It is the further aim to develop interpretative ability and to cultivate in the student an artistic taste and an appreciation of the best works of art.

## I. FOR THE TEACHERS' CERTIFICATE COURSE.

## Grade I:

Principles of breathing as applied to tone production. Voice placing, vocalization, enunciation, elementary vocalises and suitable songs.

## Grade II:

Principles of grade one continued according to the requirements of the individual pupil. More difficult technical exercises and songs, ensemble.

## Grade III:

Advanced vocalization, interpretation, ensemble, repertory, songs from classic and modern composers.

## II. FOR THE DIPLOMA COURSE.

Masterpieces of vocalization, interpretation, repertory. For graduation the student must have a repertoire as follows: Five songs, each Schubert, Schumann, Brahms, Franz, and Rubenstein or equivalent. Ten songs by modern foreign composers; twenty-five songs by American composers. Must know the solos for his voice in three oratorios to be selected by the teacher.

This organization has an active membership of sixty men and women and meets once a week throughout the school year for rehearsal. Standard choral works of a



varied nature are studied and rendered in public concert each year. A series of artist recitals is also managed by this organization. Regular music students with the proper qualifications are required to sing in this chorus.

### THE ACAPELLA CHORUS

It is the purpose of this organization to study some of the numerous sacred compositions of a very fine order written by various composers to be sung without instrumental accompaniment and to render these numbers at the Vesper services and other special religious occasions at the College during the year.

### THE COLLEGE GLEE CLUB

This organization is composed of a body of sixteen men from all departments of the College and is under the personal direction of the director of the School of Music. Regular weekly rehearsals are held throughout the year. A number of concerts are given in surrounding cities and towns during the winter and spring terms. Last year a special ten days' tour was made during the Christmas vacation. All men with sufficient singing ability are eligible for application for membership.

### THE GIRLS' GLEE CLUB

An organization similar to that of the Men's Glee Club has been brought forward for the benefit of the musically talented young ladies of the college. All girls with sufficient singing ability are eligible for membership.

### SPECIAL TUITION

The following reduced prices are given to those taking a complete course in music as outlined.

Choral, all listed Theoretical subjects (public school music methods and art not included), one Academy, College or Normal subject:

First year, per term, \$12.00. Second and third years, \$14.00. For private tuition and piano rent see Expenses, page 115.

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### GENERAL INFORMATION

All students of the School of Music are subject to the general college regulations.

Students or those contemplating study are invited to consult freely with the Director relative to their work or plans for work. Special arrangements will be made for the convenience of those who wish to come to the School of Music for private lessons only.

Frequent lectures and recitals by members of the faculty and prominent lecturers and musicians from outside of the school and also student recitals are given during the year.

All regular Music School Students, must take at least two half-period private lessons per week and must practice three hours daily.

Lessons missed by temporary absence and those falling regularly on legal holidays and on the last two days of a term may be made up at the convenience of the instructor, or cancelled. Regular students may select one college or academy study each term without extra tuition.

Those who wish to finish the Teachers' Certificate Course must be students of the School of Music for at least three terms. For the Diploma Course four terms.

The school is equipped with six good upright pianos and one new Stieff Artist Grand. These are supplemented by as many as are needed for teaching and practice purposes from the city music stores. All the pianos are placed in commodious studios and practice rooms in Kulp Hall, Science Hall and the Administration Building. Re-

cital halls and a large concert hall are at the disposal of this department of the College.

Courses in Voice, Piano, Harmony and Public School Music will be offered during the summer.

For special information regarding the School of Music write to or call on the Director, Amos S. Ebersole, Goshen College School of Music, Goshen, Indiana.

# SCHOOL OF BUSINESS

---

GEORGE G. LAPP, President.

JOHN E. WEAVER, Principal .....

..... Bookkeeping, Shorthand, Arithmetic

..... Shorthand, Typewriting

..... Bookkeeping

MARTHA MARTIN ..... Grammar, English

WILLIAM B. WEAVER ..... Economics, Civics

The time required for the completion of a business course depends upon the ability and previous training of the student. The schedule below cannot be strictly adhered to since a high school graduate might complete the course in much less time than an eighth grade student. Credit will be given for work done in other schools after investigation of work done.

Diplomas will be granted to those who satisfactorily complete the work outlined in the two year courses.

Those completing the one year course either in Bookkeeping, Shorthand, or a combination course, will be granted certificates for the work actually done.

## DIPLOMA COURSE

FIRST YEAR.		
FIRST TERM	SECOND TERM	THIRD TERM
Bookkeeping I.....	Bookkeeping II.....	Bookkeeping III.....
Business English.....	Correspondence.....	Spelling.....
Economics.....	Economics .....	Economics.....
Com. Arithmetic .....	Commercial Arithmetic	Com. Law.... ..
SECOND YEAR		
FIRST TERM.	SECOND TERM.	THIRD TERM.
Bookkeeping III.....	Bookkeeping IV.....	Bookkeeping IV.....
Shorthand I. ....	Shorthand II .....	Shorthand III.....
Typewriting.....	Typewriting.....	Typewriting .....
English.....	English.....	English.....

### CERTIFICATE COURSES

#### ONE YEAR BOOKKEEPING COURSE.

FIRST TERM	SECOND TERM	THIRD TERM
Bookkeeping I.....	Bookkeeping II .....	Bookkeeping III. ....
Typewriting.....	Typewriting.....	Typewriting.....
Business English.....	Correspondence .....	Spelling & Penmanship
Com. Arithmetic .....	Commercial Arithmetic.	Com. Law.....

#### ONE YEAR SHORTHAND COURSE.

FIRST TERM	SECOND TERM	THIRD TERM
Shorthand I.....	Shorthand II.....	Shorthand III .....
Typewriting....	Typewriting.....	Typewriting.....
Penmanship.....	Dictation I.....	Dictation II .....
Business English.....	Correspondence.....	Spelling .....
Com. Arithmetic ..	Commercial Arithmetic	Com. Law....

### PROGRAM OF COURSES

#### Bookkeeping I.

M.-F. Fall Term.

A budget is used which trains the pupil in the art of recording the simple transactions used in a single proprietorship business. The papers used in the business practice are those in common use in any small grocery business. The prices are simple and the calculations easy so that the pupil may become familiar with the nature and purpose of the transaction rather than the dollars and cents involved.

#### Bookkeeping II.

M.-F. Winter Term.

The second set of Bookkeeping and Accountancy takes up a partnership wholesale business. Special rulings and columns are illustrated. The accounts and principles are very similar to those used in any wholesale grocery business. Special supplementary exercises are given throughout the course.

Those interested in Agriculture may take a set of farm bookkeeping instead of the wholesale grocery set.

#### Bookkeeping III.

M.-F. Spring Term.

The third budget represents a commission business

conducted by a corporation. Enough supplementary exercises are given to show the pupil the method of opening and closing the books of a corporation. Two of the special features of this set are: The Account Sales Register and the Cash Journal both originated by the author of the system and now extensively used in actual business.

#### Bookkeeping IV.

M.-F. Three Terms.

While three budgets give the student a practical knowledge of the essentials involved in ordinary bookkeeping, we offer advanced work in Banking, Manufacturing, Real Estate and Agriculture.

#### Business Penmanship. M. W. F. Fall and Spring Terms.

The Palmer System is taught which gives the student a plain, legible style well suited to business needs. (Required of all business students.)

#### Commercial Arithmetic. T.-F. Fall and Winter Terms.

A thorough and comprehensive knowledge of the science and application of the principles of Commercial Arithmetic are essential to rapid promotion in office work. The subject is made practical and interesting by emphasizing only those phases which the business man in any profession needs.

#### Commercial Law.

T.-F. Spring Term.

This course gives the student sufficient knowledge of laws relating to commerce that he may conduct his own business with confidence. The work is made interesting by practical applications and supplementary assignments.

#### Commercial Geography.

T.-F. Spring Term.

In this course are studied the various factors that control and influence commerce. Attention is given to the mining and production of raw materials, to the process



of manufacture, to the establishment of large cities and to the tracing of the main trade routes of the world. Not given 1918-19.

### Shorthand I.

T.-F. Fall Term.

In this course the elementary and fundamental principles of the Gregg System are thoroughly mastered. The first twelve lessons of the Gregg Manual are covered. The "Gregg Writer" is used for supplementary work. Much drill and repetition are necessary to the acquisition of a shorthand vocabulary.

(Will be given each term if there is sufficient demand.)

### Shorthand II.

T.-F. Winter Term.

The work in the Manual is reviewed and completed during the first few weeks but the text of this term is Gregg Speed Practice, a collection of classified business letters with vocabulary. These letters are practiced over and over by the student until they can be written with accuracy and speed. Phrase writing is an important feature of this course.

### Shorthand III.

T.-F. Spring Term.

This course continues the work of Shorthand II. More attention will be given to speed and the technical terms used in the various professions.

### Dictation I.

M. W. F. Winter Term.

This course accompanies Shorthand II. The Dictation book is in the hands of the instructor only and consists of business letters graded to conform to the advancement of the class. These letters are written, transcribed and handed in. The emphasis in this course is placed upon the student's ability in reading his own notes. Supplementary work in the reading of well written magazine articles is a helpful feature.

## Dictation II.

T. Th. Spring Term.

Accompanies Shorthand III and continues the work in Dictation I. The Dictation matter is taken from such lines of work as the student prefers as railroad, insurance, civil service or court reporting.

## Business English.

M.-Th. Fall Term.

This is a course in practical applied English. It gives essentials that lead to ready and correct expression of thought. Much attention is paid to the discrimination in the choice of words. The student is given exercises which require original work and prepare him for the correspondence course which follows.

## Correspondence.

T. Th. Winter Term.

All business men realize the value and importance of a neatly written and well constructed letter. The ability to write such a letter is considered an important qualification of a good stenographer or bookkeeper. This course prepares students to meet the demand by giving practice in the writing of all kinds of business letters, according to the latest and best methods.

## Spelling.

T. Th. Fall and Spring Terms.

A man may have a good general education and be a poor speller but the stenographer or bookkeeper who cannot spell need not expect to hold a good position. This course emphasizes not only the spelling of words but their pronunciation and meaning.

## TYPEWRITING

We teach touch typewriting in a thorough systematic manner. The keyboard is first well memorized so that any key may be struck without raising the eyes from the copy. The student is then ready for the drills and practice as outlined in the "Expert Typewriting"—the manual used throughout the course. The Underwood and L. C. Smith machines are used and fitted with shields which cover the entire keyboard and which aid the student in acquiring the touch system.

# SUMMER SCHOOL

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## FACULTY FOR 1918

GEORGE JAY LAPP,  
President of the College.

DANIEL S. GERIG,  
Dean and Professor of German.

JONATHAN MELVIN KURTZ,  
Professor of Physical Sciences.

JOHN J. FISHER,  
Assistant Professor of Philosophy and Education.

SAMUEL WITMER,  
Assistant Professor of Botany and Agriculture.

AMOS S. EBERSOLE,  
Professor of Voice and Theory.

VESTA ZOOK,  
Instructor in Home Economics.

ISAAC C. KELLER,  
Professor of English.

JOHN E. WEAVER,  
Principal of School of Business.

INA K. SLATE,  
Instructor in Public School Drawing.

BERTHA MACKENZIE,  
Instructor in Methods and Observation.

GERARD DINKELOO,  
Instructor in Public School Music Methods.

OTTO HOLTKAMP,  
Instructor of Piano and Theory.

The aim of the school is to place the equipment of the College at the service of those who cannot attend at other times and to meet the needs of the following classes: (a) College student who desires to make advanced credits; (b) Common School and High School teachers, and (c) High School students who wish to make credits during the summer months.

The courses are changed from year to year in such a way as to make the work of one summer session continuous with that of the next. This is particularly true of advanced college and normal courses. Students are advised to pursue systematic work extending over several years.

The Twentieth Annual Summer School, to be held June 10 to August 23, 1918, offers the following courses of instruction:

1. Agronomy ..... Professor Witmer
2. Vegetable Gardening ..... Professor Witmer
3. General Zoology ..... Professor Witmer
4. Introduction to English Literature.. Professor Keller
5. Nineteenth Century Literature .... Professor Keller
6. American Literature ..... Professor Keller
7. Normal Grammar ..... Professor Gerig
8. German Reading Course ..... Professor Gerig
9. Normal Geography ..... Professor Kurtz
10. Normal Arithmetic .... . Professor Kurtz
11. Physiology ..... Professor Kurtz
12. English History ..... Professor Keller
13. American History ..... Professor Gerig
14. Educational Psychology ..... Asst. Professor Fisher
15. Methods of Teaching ..... Asst. Professor Fisher
16. Rural Education ..... Asst. Professor Fisher
17. Primary Methods and Model School.. Miss MacKenzie
18. Sewing ..... Miss Zook
19. Cooking ..... Miss Ebersole
20. Household Management and Sanitation... Miss Zook
21. Bookkeeping ..... Mr. Weaver

- |     |                                 |                    |
|-----|---------------------------------|--------------------|
| 22. | Shorthand .....                 | Mr. Weaver         |
| 23. | Typewriting .....               | Mr. Weaver         |
| 24. | Penmanship .....                | Mr. Weaver         |
| 25. | Public School Music .....       | Professor Dinkeloo |
| 26. | Eartraining and Dictation ..... | Professor Ebersole |
| 27. | Harmony .....                   | Professor Ebersole |
| 28. | Chorus .....                    | Professor Ebersole |
| 29. | Private Lessons in Voice .....  | Professor Ebersole |
| 30. | Private Lessons in Piano .....  | Mr. Holtkamp       |
| 31. | Public School Art .....         | Mrs. Slate         |
| 32. | Private Lessons in Art .....    | Mrs. Slate         |

The next annual session of the Summer School will open June 9, 1919, and will continue twelve weeks. The above outline of courses indicates the range and nature of the work offered each summer. The growth in attendance from summer to summer insures a corresponding expansion of courses in number and variety.

Write for Special Summer School Bulletin.

GOSHEN COLLEGE, Goshen, Indiana.

# CORRESPONDENCE DEPARTMENT

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The satisfactory completion of the following courses will be credited in the regular departments of Goshen College. Those deprived of school privileges can find practical help by mastering these courses at home. Students can make up extra credits during vacation or when required to be out of school for some time.

- I. Elementary New Testament Greek. Three Terms.  
I. R. Detweiler.

This course is for beginners in N. T. Greek. It presents the essential facts and most elementary principles of the language. It contains memory work in the vocabulary and thorough drills in grammatical forms. There are easy exercises in reading and writing Greek. The student will read John's first epistle and four chapters of his Gospel, with other selections, and receive some practical experience in the use of Greek lexicon. The tuition is \$7.50 per term. The main text book is Huddelston's Essentials of New Testament Greek, 75 cents, postpaid. For the third term the following are also needed: Westcott and Hort's New Testament in Greek, \$1.00; and Thayer's Greek-English Lexicon of the New Testament, \$5.00 postpaid.

- Latin I. Three Terms. Ephraim Zook.

I. First year Latin.—This course offers the full equivalent to the first year's work in Latin as outlined in the resident Academy course. The work of each unit corresponds to the work of one term. The tuition is \$7.50 per term, and the text book for two terms is \$1.00 postpaid.



## German II. Three Terms.

Daniel S. Gerig.

This course is outlined to cover fully the amount of work usually done in the second year of resident work.

Each term's work may be taken independently of the others. This arrangement will enable students who are in any way deficient in the first two units of modern language to make up the deficiency through correspondence. The tuition is \$7.50 per term and the text-book for the first term is 70 cents postpaid.

## III. German. Three Terms.

Daniel S. Gerig.

This is primarily a reading course corresponding to course III in residence. It aims at the acquisition of the foundation of idiomatic German on the basis of the language of the works studied. Special attention is given to the literary side of the work as well as to the individual merit of the author. Works from Goethe, Schiller, Heyse and Storm form the basis. Each term can be taken independently of the other. Tuition per term, \$7.50. Credit per term, three hours.

## New Testament.

One Term. I. R. Detweiler.

## A Study of the Gospel of John.

This is a thorough inductive study of the fourth Gospel. The Gospel is carefully outlined after each division is studied in relation to the Gospel as a whole. The work done in this course is equivalent to a three hour course. It is presented in thirty-seven lessons. The tuition is \$7.50. There is no additional expense aside from postage.

## GENERAL INFORMATION.

The payment of tuition and text books is required with order. All remittances should be made by bank draft or money order, made payable to the instructor

offering the course. The student pays the postage both ways in recitation papers.

Full direction are given with the lessons so that the student need not be in doubt as to what is expected of him or as to how he is to proceed with his work. He can begin at any time and work as fast or slow as his time or ability will permit for a thorough mastery of the lessons. The time limit for the completion of any one of these courses is one year, after which the student forfeits his right to further correspondence. Further information can be had by writing to the instructors offering the courses.

# GENERAL INFORMATION

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## HISTORY AND ADMINISTRATION

Goshen College had its beginning in the Elkhart Institute, Elkhart, Indiana, in 1895. In 1896 its own building was erected and dedicated. In 1898 the institution was incorporated under the laws of Indiana. In 1901 the Constitution of the Association was amended so as to allow a board of twenty-five instead of nine members. These were distributed throughout the church. In 1901 a committee appointed by this board to secure a more favorable location and a larger campus, selected the present site in the southern part of the city of Goshen, Indiana. Here the school was opened in the rooms of East Hall, September 29, 1903. The Administration Building was dedicated January 8, 1904.

To make the school a church institution the private stockholders donated their shares to a Board of Trustees now known as the Mennonite Board of Education. This Board was organized November 16, 1905. The property was transferred to it in February, 1906. Goshen College is controlled by the Mennonite Board of Education. The business and prudential affairs of Goshen College are managed by an Executive Committee consisting of the President, Dean, Business Manager and four other members appointed annually by the Mennonite Board of Education.

## LOCATION

Goshen is a residential city of ten thousand people located on the main line of the New York Central Railroad, one hundred and ten miles east of Chicago, and the Louisville and Benton Harbor branch of the Big Four. The Northern Indiana and Winona Interurban railways maintain an hourly service through Goshen to the north, south and west. The Elkhart River, which is noted for

its beauty flows through the city and in its valley lies one of the richest farming communities in Northern Indiana. The college campus consists of ten acres of ground located in Parkside, a beautiful suburb of the city. There are no saloons in the city.

### AIM

The aim of Goshen College is expressed in its motto, "Culture for Service." Through culture the student shall develop his life physically, intellectually, socially, morally and spiritually. Due attention is given to each as it is of importance in the life of the true man and woman. Religion is not made incidental in the institution, but is to pervade in its life and spirit. The end and aim of culture is to do, and not simply to be or know.

### CAMPUS AND BUILDINGS

The campus of Goshen College consists of ten acres beautifully located in Goshen College addition to the City of Goshen.

The Administration building is a commodious four story, stone and brick structure. It contains modern well lighted recitation rooms, offices, library, reading rooms, assembly hall, commercial rooms, gymnasium and cloak rooms.

The new Science Hall is a large four story brick structure built on the most approved lines for the work in science, agriculture and home economics. The entire building is well lighted and the laboratories are commodious and well equipped with apparatus for the various lines of work. Aside from laboratories it also contains one lecture room, a number of class rooms, offices, a green house and museum.

Kulp Hall is a stone and brick building three stories above ground floor. It contains a students' dining hall, reception room, Matron's rooms and music studio together with practice rooms. The second and third floors con-

tain rooms for young women. The building is well furnished.

East Hall is a two story frame building located just north of the college campus. It is divided into three separate apartments and has furnished rooms for young men. The care of the rooms is in charge of a competent matron and each apartment has its own master.

These buildings are heated from a central plant. All are supplied with hot and cold water. Gas and electricity are supplied in all the rooms.

### LIBRARY

The College Library, located in the Administration Building, contains over five thousand carefully selected volumes, distributed in subject matter among the different departments of instruction and books of general cultural interest. New books are constantly added through a special library fund and also by the Students' Library Association. The library is classified and catalogued according to the Dewey system and has every aid to make it of practical value to the student. The reading room is supplied with daily and weekly periodicals and the leading magazines. During the day the students have free access to the stack room and reference books may be consulted at any time.

The Mennonite Historical Library is a collection of books on Mennonite history and literature. It has been donated to the college by the Alumni Association and private individuals.

The city of Goshen has a large and well equipped Carnegie Library of 15,000 volumes to which the students have free access.

### THE LABORATORIES

The new Science Hall contains a large number of

laboratories with modern equipment for both general and special scientific work.

**Chemistry.**—The three chemical laboratories located on the third floor are provided with forty individual students' desks for experimental work in general Chemistry, twenty-four in Qualitative Analysis and Organic Chemistry and sixteen in Quantitative Analysis. The desks are fully equipped with gas, water and re-agent bottles. Each laboratory has a number of evaporating hoods. Supply rooms adjoining these laboratories contain the necessary chemicals and apparatus.

**Physical.**—The Vesperian Laboratory for Physics and Astronomy also on the third floor is provided with the necessary physical apparatus for both Academy and College work in mechanics, heat, light, sound, electricity and magnetism. A dark room is equipped for photometry and other experiments in light. A three and one-half inch telescope equatorially mounted and controlled by a modern Gaertner driving clock is used in astronomical work.

**Biological.**—The Biological Laboratory in addition to the usual furnishings is equipped with demonstration cases, a rack for insect cases, a large collection of mounted insects, bird skins, vertebrate skeletons, dissections in alcohol, life histories in alcohol, compound microscopes, microscopic slides, charts, models and a human skeleton. There are also a number of books for reference.

**Agricultural.**—The agricultural laboratories are equipped so that thorough work can be done in the courses offered. They are provided with tables, desks and necessary furniture.

The dairy laboratory contains such apparatus as milk testers, cream scales, moisture test scales and ovens. Acid testers, a steam boiler, cream separators, churn, ice cracker and other necessary materials.



The horticultural laboratory is also used for the field crops work and contains laboratory material for both horticulture and field crops.

One-half of the soils laboratory is equipped to give a thorough course in general soils. The other half is furnished with incubators and brooders which are used in connection with poultry courses.

Home Economics.—The Home Economics laboratories are located on the second floor.

The kitchen is equipped with students' desks, gas plates, cooking utensils, cabinets and refrigerator. The dining room is provided with the necessary furniture to give practical experience in serving. The sewing room is equipped with sewing tables, four sewing machines, chairs, electric iron, pressing board and cabinet.

### MUSEUM

In the Museum which is on the second floor of the Science Hall, there are exhibited various things of interest such as fossil remains of animals, minerals, oriental costumes, Indian relics. Of especial interest is the India collection which represents more or less completely the life and customs of the central provinces of India. Gifts to the Museum are always appreciated, and plans are being made to protect with suitable cases all new material.

### GYMNASIUM

A large room with high ceiling in the basement of Administration Building is devoted to physical exercise. A bath room with shower baths and dressing rooms adjoins the gymnasium.

### ATHLETIC FIELD

The athletic field contains a sixth-mile track, base-

ball diamond and tennis courts. The Elkhart river runs near the college and affords opportunity for skating, rowing and swimming.

### COLLEGE FARM

The College owns a sixty-acre farm which lies one-third mile east of the campus.

Every effort is made to make the farm a source of income as well as an adjunct to laboratory and class work. Its equipment is at the students' disposal.

### ARRIVAL OF STUDENTS

Due notice should be given of the time and train on which students arrive, so that they may be met at the depot.

Students should leave their baggage at the depot, take the street car, going west from the depot and ask for a transfer to Goshen college, where arrangements can be made for room and board.

### REGISTRATION

1. On registration day at the beginning of each term every student (both old and new) must obtain in person at the Registrar's office, a registration card.

2. This card the student presents to the Head of the Department in which he desires to enroll.

3. The Head of the Department enters upon this card the subjects desired by the student, except for college Juniors and Seniors, who register with their major professor.

4. The student next presents this card to the several instructors whose courses he wishes to enter and the instructor affixes his signature opposite his course.

5. When each instructor's signature has been obtained, the student presents the duly signed card at the Business office and settles for tuition and other fees.

6. When a student fails to file his card at the Business office before the close of the opening week of school a fee of fifty cents will be added to the tuition.

7. All accounts are due in advance.

8. All matriculated students who register later than the second day of each term will be charged a fee of one dollar (payable to Registrar on issuing card) for registration.

9. New students after obtaining a registration card at the office of the Registrar, must present themselves at the President's office for matriculation.

10. All students entering the institution for the first time are charged a matriculation fee of one dollar.

## COURSES OF STUDIES

This catalogue gives a complete outline of the courses of studies offered by Goshen College. Any one desiring to begin a particular branch of study should note carefully in the catalogue the date on which such branch begins in the regular course. Extra classes may be formed when six or more students desire to take the same study at the same time. Correspondence is invited when any special study is desired.

## CHANGE OF STUDIES

Changes of studies must be authorized by the Head of the Department in which the student is enrolled. Any subject once taken up cannot be dropped without the con-

sent of the Head of the Department in which the student is enrolled.

### EXTRA WORK

Students are not allowed to register for more than the regular number of hours constituting the work of any department without the permission of the Committee on Extra Work.

Application for extra hours must be made on special blanks obtained at the Registrar's office and applications must be handed to the Chairman of the Committee on Extra Work during Registration Days.

When more than one additional hour is taken, additional tuition is charged at the rate of one dollar and twenty-five cents per term hour in the Academy and one dollar and seventy-five cents in the College except in case where extra tuition is already due for the course taken.

### EXAMINATION AND GRADES

Written examinations are given at the end of each term and during the term at the discretion of the instructor. The student's work for the term includes recitation, written work and examinations and is graded as follows: A, B, C, D, E, are passing grades; F, may be passed upon another examination; G, failed.

### REPORTS

A report of each student's work will be sent at the end of each term to the parent or guardian of the student, upon request to the Registrar.

### DIPLOMAS

Diplomas will be given to all students who finish the work outlined in the College, Normal, Academy, Regular Bible, Business, Regular Music, Agriculture courses, on

condition that they have been students of the college at least one year.

### CERTIFICATES

Those who have completed the English Bible, Chorister's Course, Reed Organ, Domestic Science, Business, Public School Music courses and "A" and "B" Class Normal courses will be given certificates showing the work actually done.

### DISCIPLINE

It is the aim of the Faculty to maintain such discipline as will make it possible for the students to do their best work and form good habits of conduct. The Dean and Dean of Women enforce the regulations as outlined by the Committee on Rules and Discipline and try to aid each individual student, by advice and criticism, to cultivate that spirit which seeks not only that which is best and noblest for self, but which has even a greater concern for the highest welfare of every member of the school.

### ROOMS

The young women are required to room at Kulp Hall except when excused by the Dean of Women. Modern conveniences and homelike surroundings are features that make it a very desirable home for young women.

The young men may find rooms in East Hall or in approved private homes near the college.

Groups of young men are not permitted to take rooms except in houses in charge of approved matrons.

### RULES

I. All students are required:

1. To attend chapel every day.

2. To abstain from the use of tobacco, card playing and profane language.

## II. Non-resident students are required:

1. To attend Sunday school and one church service each Lord's day at their regular place of worship.
2. To be in their rooms at 8 p. m. except, (a) on Saturdays, when the time is extended to 10 p. m.; (b) when attending church services; (c) when attending meetings at the College, after which services or meetings they shall go immediately to their rooms.
3. Lady students shall not receive gentlemen callers at their rooms.
4. Students shall select rooms from among those approved by the Faculty.
5. Lady and gentleman students shall not take rooms in the same home.

## STUDENT ORGANIZATIONS

### THE STUDENTS' COUNCIL

In order to facilitate the most helpful relations between the Faculty and student body a Students' Council composed of representatives from the various classes and religious organizations has been organized. This Council represents the students in a sympathetic co-operation with the Faculty in maintaining the best standards of College life and work. We believe that this plan has been the means of securing the feeling of good-will so evident between the Faculty and the students.

### YOUNG PEOPLE'S CHRISTIAN ASSOCIATION .

The Young People's Christian Association, a religious organization of students, doing aggressive Christian work,



has the general oversight of the religious work among the students and provides for other legitimate needs of student life.

Devotional meetings which are a source of inspiration and general help to all students, are held every Thursday evening. A special effort is made to help students form the habit of regular devotional Bible study and for this purpose Bible classes are organized which meet every Tuesday evening for review of the daily studies. These courses continue throughout the whole of the Academy and College work and cover much of the Old and New Testaments. There are also several classes for the study of home and foreign missions. These meet every Tuesday evening for a discussion of the week's studies. By means of these studies the students become familiar with the needs and call of the home and foreign mission field.

### MISSION BANDS

Two mission bands (home and foreign) meet regularly throughout the school year to study systematically the various subjects necessary for a complete knowledge of the home and foreign mission fields. Volunteers for missionary service find these bands a source of great help.

The Association also devotes part of its energy to student work. New students are met at the trains, assisted in finding suitable rooms and given every possible assistance in beginning their work. An employment bureau makes it possible for students to earn a large part of their expenses.

### LITERARY SOCIETIES

Four College and two Academy Literary Societies conducted by students, are in successful operation under the general supervision of the Faculty. They give ample practice for original composition and public speaking.

College.—The Adelpian and Aurora Societies are for

the men and Vesperian and Avon Societies for the women of the College Department. They have separate meetings every Monday evening and on Friday evenings they unite their efforts in presenting four public programs each term. These societies are maintaining high standards in their work.

**Academy.**—The Ciceronian Society is for the young men of the Academy. It affords good training in logical debate and parliamentary law.

The Philomathian Society is open to all young women of the Academy. It affords opportunities for practice of music, reading and original composition.

Joint meetings, open to the public, are held by the Academy Societies on Friday evenings twice a term. Separate meetings are held by each society every Monday.

### STUDENTS' LIBRARY ASSOCIATION

The Students' Library Association is organized for the purpose of adding books to the library established by the Association. The Association draws on the funds of the literary societies for its support, and only members of the literary societies are member of the Students' Library Association.

### STUDENTS' LECTURE ASSOCIATION

The Students' Lecture Association is organized for the purpose of conducting a course of lectures for the benefit of the students. The literary societies furnish the necessary funds for the course.

### ORATORICAL ASSOCIATION

The Oratorical Association is composed of students interested in Debating and Oratorical work. The membership is limited to the interclass and intercollegiate debating teams and orators in the intercollegiate Peace Oratorical Contests.

## GOSHEN COLLEGE

## CHEMICAL SOCIETY

The Chemical Society meets once each school month to discuss scientific subjects related to chemistry. Membership is limited to students, professors, and alumni of Goshen College who have done or are pursuing work in Chemistry beyond the first year.

## ALUMNI ASSOCIATION

The Alumni Association of Goshen College was organized April 13, 1901. Its object is "to maintain school friendship and a strong school spirit, to further the interests of the institution it represents, and to promote higher education." The Association has an endowment fund, the income of which in the past has been used to purchase books for the Mennonite Historical Library. These books were donated to the college and make a very valuable collection.

## GOSHEN COLLEGE RECORD

The Goshen College Record is published monthly by a staff selected from the student body. Appointments are made each year by the Committee on Publications. It is the aim of the paper to serve as a medium for literary work, to record the more important happenings of the college year and to afford a means of communication between the institution and the former students. The publication is under the supervision of a committee of the Faculty.

## TEXT BOOKS

Text books are for sale at the College Book Exchange. A limited number of books that will be used the following year will be bought from students by the Exchange.

## PHYSICAL CULTURE

Provisions are made for the proper forms of Physical

Culture of the student. During the Fall and Spring terms outside sports and games are encouraged.

### COLLEGE DINING HALL

It is the purpose of the managers of the College Dining Hall to furnish a plentiful supply of wholesome food at the lowest possible rates. Board in private families can be secured near the College by those who desire such accommodations.

### STUDENTS' SELF HELP

Young people who lack sufficient money to pay all expenses will find many opportunities in Goshen to earn money while attending college. The College gives employment to a number who are doing tutoring, library janitor or dining room work. All young women desiring to earn money have been able to get work to pay room and board. Young men find places in private homes to earn room and board or get work on Saturdays as clerks. The College can do very little in securing promises of work before the person arrives. Employers wish to see the applicant before making promises.

### SCHOLARSHIPS

Provisions are made through scholarships, to assist worthy students who are preparing for general mission or church work. During the past year twenty students have received all or part of their tuition from these funds. Students desiring assistance through these scholarships, should make application to the scholarship committee, appointed from the Faculty.

The firm, Lewis & Jacobs, of Goshen, offers \$50.00 annually as scholarships to be granted by the College to qualified students entering the School of Agriculture.

## PRIZES

Hon. B. F. Deahl, of Goshen, annually offers two prizes of fifteen and ten dollars each to the winner of the local Peace Oratorical Contest.

Several wills have been made recently in favor of Goshen College. In such donations the following form should be used. "I hereby give, devise and bequeath to the Mennonite Board of Education for Goshen College the sum of ..... Dollars to be used to maintain the ..... Fund of Goshen College, Goshen, Indiana.







SCIENCE HALL AND ADMINISTRATION BUILDING—GOSHEN COLLEGE



SCENE ALONG ELKHART RIVER



CAMPUS AND PARKSIDE

# CALENDAR OF PUBLIC EVENTS

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- Oct. 15—Thomas Brooks Fletcher, lecture.
- Nov. 13—The Zoellner String Quartet.
- Nov. 23—Smith Damron, lecture, "The Potter and the Clay."
- Dec. 14—Andrew U. Ogilvie, lecture, "The Age of Mind."
- Dec. 17—Philharmonic Concert, "The Messiah."
- Jan. 15—Charles H. Plattenburg, lecture, "Worms Beneath the Bark."
- Jan. 17—Musical Recital: Martin Richardson, Tenor. Alberto Salvi, Harpist.
- Feb. 1—Clarissa Harrold, interpretative reading, "Experience."
- Feb. 22—Concert, Men's Glee Club.
- Mar. 8—Solomon F. Gingerich, lecture, "The Religion of Browning."
- Mar. 29—George H. Bradford, lecture, "America's Destiny."
- Apr. 8—The Ernest Gamble Concert Party.
- May 2—Piano Recital, Heniot Levy.
- May 7—Musical Recital: Marie Sidenius Zendt, Soprano. Clarence Loomis, Piano.
- June 4—Philharmonic Concert, soloists, Mrs. C. E. Stout, Contralto; Mr. R. M. Woolpert, Baritone.
- June 7—Professor Edgar Eugene Stauffer, Commencement Address.

# EXPENSES

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## TUITION

Tuition charges for each term of the year are uniform.

All expenses payable in advance and must be settled with the Business Manager before the close of the first week of any term. Failure to do this will debar a student from further attendance of classes until term bills are settled.

### College, Normal and Business

Per week, in advance .....	\$ 1.75
Per term, in advance .....	18.00
Per year, in advance .....	50.00

### Academy

Per week, in advance .....	\$ 1.50
Per term, in advance .....	15.00
Per year, in advance .....	42.00

Students taking more than 16 hours (recitations) work in College or 17 in Academy will be charged the following rates:

College, per hour .....	\$1.75
Academy, per hour .....	1.25

No tuition, either class or private, will be refunded except in cases of protracted sickness or by order of the Faculty.

### Special Courses

Special Bible, Term, six weeks .....	\$ 7.00
Four hours in Academy, per term .....	7.00

## EXPENSES

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Eight hours in Academy, per term .....	11.00
Five hours in College, per term .....	9.00
Ten hours in College, per term .....	15.00

### Special Fees

Laboratory fee, College, per term credit .....	\$ .75
Laboratory fee, Agriculture, per term credit .....	.50
Matriculation fee .....	1.00

(Paid only on first registration.)

### Music

Private lessons per term with Professor Ebersole, in Voice, or Mr. Holtkamp, in Piano:

50 minutes, twice a week .....	\$27.50
25 minutes, twice a week .....	15.00
30 minutes, once a week .....	11.25

With Mrs. Ebersole, in Voice, or Miss Guth, in Piano:

25 minutes, twice a week .....	\$11.00
50 minutes, once a week .....	11.00

Children under twelve years of age, piano:

20 minutes, once a week .....	\$ 6.00
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Harmony, Eartraining and Dictation, History of Music, or Solfeggio, class of four or more, \$5.50; Public School Music Methods, and Art, class of six or more, respectively, \$5.00 and \$8.00.

### Special Tuition

The following reduced prices are given to those taking a complete course in music as outlined.

Choral, all listed Theoretical subjects (public school music methods and art not included), one Academy, one College or one Normal subject:

First year, per term, \$12.00. Second and third years, per term, \$14.00.

Piano Rent, per term:

One interval, each day .....	\$ 2.00
Two intervals, each day .....	4.00
Three intervals, each day .....	5.50
Four intervals, each day .....	6.50
Grand Piano, extra per term for each interval .....	.60

Students who register in the Music Department may have Academy tuition at \$1.25 per hour and College at \$1.75.

#### Diplomas

Diploma fee, degree .....	\$ 5.00
Diploma fee .....	3.00
Certificate fee .....	1.00

#### Board

Per week, in advance .....	\$ 3.50
Per term, in advance .....	35.00
Christmas vacation, additional .....	5.00

Owing to the uncertainty of prices on food stuffs the above prices are made for the Fall term. It is the intention of the institution not to increase them during the year but it at the same time reserves the right to do so in case advances in provisions make it necessary.

#### Rooms

Per week, in advance .....	\$ 1.00 to \$ 1.50
Per term, in advance .....	12.00 to 17.00

These prices are for furnished rooms, two in a room, including heat, light and washing. The price depends upon the location of the room in the building. The

higher rate is for those fronting east and south respectively. Those who wish to take rooms alone must add \$3.00 for Fall and Spring terms and \$5.00 for Winter term to above prices.

Each student should bring one comforter, towels and bed linen.

Rooms will be reserved at the dormitories for regular students on receipt of a deposit of \$2.00 to be applied on room rent. On receipt of such deposit rooms will be held one week at the beginning of the term. These deposits will not be refunded and are not transferable.



# SCHEDULE OF LECTURES AND RECITATIONS FOR THE FALL TERM, 1918.

INSTRUCTORS	ROOM	7:50	8:45	9:40	9:55	10:50	NOON			12:45	1:40	2:35	3:30
GERIG	A 10		German II	CHAPTER	German I	German III and IV						German VII	
ZOOK	A 23		Latin II		French I	Latin III				French II		Latin I	Latin IV
KURTZ	S 41		Physics VI & VII		Ac. Physics					Chem. Lab.	Chemistry III	Chemistry II	Chemistry Lab.
LEHMAN	S 20	Plane Geometry	Algebra IV		Ad. Anal.	Solid Geom.						Astronomy	Calculus
FISHER	A 23	Psychology			Hist. of Educ. Prin. of Educ.							Int. to Phil. Logic	
WEAVER, W.	A 32		Eng. Hist. Ch. Hist.			Pol. Science					Med. History		Ac. U. S. History
WITMER	S 21	Zoology II	Zoology II Laboratory		Botany I	Botany I Lab.				Col. Zool. Fungi	Col. Zo. Lab. Fungi Lab.		Physiology
Miss ZOOK	S 30	Food Chemistry	Food Chem. Sanitation		C. Sewing Ac. Sewing	C. Sewing Ac. Sewing				Cookery	Cookery		
DETWEILER	A 20		Bible Theol. IV		Life of Jesus	N. Test. I					N. T. Gr. II N. T. G. III		
	A 20	N. Test. Greek I				O. Test. I						Life of Paul	Religious Education
BLOSSER	S 21	Acad. Agric.	Acad. Agric.		Farm Crops	Farm Crops				An. Husb.	An. Husb.	Poul. Husb.	
KELLER	A 33	English VI and IX			English XVI						English X & XI	English IV	English VIII
MARTIN	A 23		Elem. Psych.		Observation Teaching						English I	Normal Grammar	
WEAVER, J.	A 30		Book keeping		Penmanship Spelling	Bookkeeping				Com. Arithmetic	Shorthand II	Bus. Eng.	Dictation I
*EBERSOLE	A 22										Sol. I. Sol. & Dic. VII		
HOLTKAMP	A 22		Harmony II		Harmony I	Harmony III, IV & V					History of Music		
ASSISTANTS		Shorthand I	Academy German II			English II				Algebra I	Typewrit'g	Book-keeping	Ancient History

\*Hours to be Arranged. A Administration Building. S Science Hall.

**SCHEDULE OF LECTURES AND RECITATIONS FOR THE WINTER TERM, 1918-19.**

INSTRUCTORS	ROOM	7:50	8:45	9:40	9:55	10:50	NOON			12:45	1:40	2:35	3:30
GERIG	A 10		German II	CHAPTER I	German I	German III and IV	NOON	NOON	NOON			German VII	
ZOOK	A 23		Latin II		French I	Latin III				French II		Latin I	Latin IV
KURTZ	S 41		Physics VI & VII		Ac. Physics					Chem. Lab.	Chemistry III	Chemistry II	Chemistry Laboratory
LEHMAN	S 20	Plane Geometry	Trigonometry		Ad. Anal.	Solid Geom.					Normal Arithmetic	Astron.	Calculus
FISHER	A 23	Psychology			Hist. of Educ. Sch. Adm.							Cont. Phil. Ethics	
WEAVER W.	A 32		Eng. Hist. Ch. Hist.			Pol. Science					Mod. History		Acad. U. S. History
WITMER	S 21	Zoology II	Zoology II Laboratory		Botany I	Botany I Lab.				Col. Zool. Fungi	Col. Zo. Lab. Fungi Lab.		
MISS ZOOK	S 30	Food Chem.	Food Chem. H. Adm.		Col. Sewing Acad. Sew.	Col. Sew. Acad. Sew.				Cookery Tea of H.E.	Cookery		
DETWEILER	A 20		Bible Theol. V		Life of Jesus	N. Test. V					N. T. Gr. II N. T. G. III		
	A 20	N. Test. Greek I				O. Test. IV						Ch. Leaders	Religious Education
BLOSSER	S 21	Acad. Agri.	Acad. Agri.		Farm Crops	Farm Crops				An. Husband.	An. Husband.	Poul. Husband.	
KELLER	A 33	English VI and IX			English XVI	English					English X and XI	English IV	English VIII
MARTIN	A 23		Child Psych.		Observ. Teach.						English I	Normal Geog.	
WEAVER, J.	A 30		Bookkeeping			Bookkeeping				Com. Arith.	Shorthand III	Correspondence	Dictation I
EBERSOLE	A 22										Sol. I Sol & Dic. II		
HOLTKAMP	A 22		Harmony II		Harmony I	Harmony III, IV, V					History of Music		
ASSISTANTS		Shorthand I	Typewriting AC. Ger. II		Shorthand II	English II				Algebra I	Typewriting	Book-keeping	Ancient History

\*Hours to be arranged.

A Administration Building.

S Science Hall.

# SCHEDULE OF LECTURERS AND RECITATIONS FOR THE SPRING TERM, 1919

INSTRUCTORS	ROOM	7:50	8:45	9:40	9:55	10:50	NOON			12:45	1:40	2:35	3:30
GERIG	A 10		German II		German I	German III and IV						German VII	
ZOOK	A 23		Latin II		French I	Latin III				French II		Latin I	Latin IV
KURTZ	S 41		Physics VI & VII		Ac. Physics					Chem. Lab.	Chemistry III	Chemistry II	Chemistry Lab.
LEHMAN	S 20	Plane Geometry	Analytics		Ad. Anal.	Solid Geom.						Astronomy	Calculus
FISHER	A 23	Psychology			Hist. of Educ. Sec. Ed.							Cont. Phil. Ethics	
WEAVER W.	A 32		Eng. Hist. Ch. Hist.			Political Science					19th Cent. History		Civics
WITMER	S 21	Zoology II	Zoology II Laboratory		Botany I	Botany I Lab.				Col. Zool. Fungi	Col. Zo. Lab. Fungi Lab.	Cytology	Cytol Lab.
Miss ZOOK	S 30	Nutrition	Nutrition The Family		C. Sewing Ac. Sewing	C. Sewing Ac. Sewing				Cookery	Cookery		
DETWEILER	A 20		Bible Theol. VI		S. S. Methods	N. Test VI					N. T. Gr. II N. T. G. III		
	A 20	N. Test. Greek I				O. Test V						Missions	Rel. Ed.
BLOSSER	S 21	Acad. Agri.	Acad. Agri.		Forage Crops	Forage Crops				An. Husb.	An. Husb.	Poul. Husb.	Poul. Husb.
KELLER	S 33	English VI and IX			English XVI						English X & XI	English IV	English VIII
MARTIN	A 23		Methods		Observation Teaching						English I	Methods in Read.	
WEAVER, J.	A 30		Bookkeeping			Bookkeeping				Com. Law	Dictation II	Shorthand III	Dictation I
*EBERSOLE	A 22										Sol. I Sol. & Dic. II		
HOLTkamp	A 22		Harmony II		Harmony I	Harmony III, IV & V					History of Music		
ASSISTANTS		Shorthand I	Typewriting Ac. Germ. II		Shorth'd II	English II					Typewrit'g	Book-keeping	Ancient History

\*Hours to be arranged.

A Administration Building.

S Science Hall.

# GRADUATES OF 1917

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## DEGREES CONFERRED

### Bachelor of Arts

Blosser, Ruth .....	Rawson, Ohio
Butler, Frank .....	London, England
Gerber, Christopher .....	Madison, Wis.
Gerig, Orle Benjamin .....	Smithville, Ohio
Hartzler, Archie David .....	Belleville, Pa.
Kauffman, James Norman .....	Dhamtari, India
LeFever, Lydia .....	Ronk, Pa.
Lehman, Howard Jacob .....	North Lima, Ohio
Miller, Ernest Edgar .....	Middlebury, Ind.
Miller, Jacob .....	Kalona, Iowa
Murphy, Ada Roberta .....	Elkhart, Ind.
Slabaugh, John .....	Goshen, Ind.
Stortzfus, Frank .....	West Liberty, Ohio
Stoltzfus, William .....	West Liberty, Ohio
Wallgren, Douglas .....	Goshen, Ind.
Wayre, John Herbert .....	Urbana, Ohio
Yoder, Owen .....	Shipshewana, Ind.

### Graduates from Academy

Arnold, Cecelia .....	New Paris, Ind.
Conrad, Rozella .....	Smithville, Ohio
Frey, Anna .....	Sterling, Ill.
Grabill, Clara .....	Goshen, Ind.
Hostetler, Frank .....	Harper, Kansas
Hooley, Clara .....	Goshen, Ind.
Kaser, Don .....	New Paris, Ind.
Kauffman, Nellie .....	Middlebury, Ind.
Kennel, Claire .....	Goshen, Ind.
Miller, Maude .....	Garden City, Mo.
Nice, Violetta .....	Morrison, Ill.
Schertz, Raymond .....	Metamora, Ill.
Strycker, Grace .....	New Paris, Ill.
Yoder, Mary .....	Wooster, Ohio

### Graduates in Music

Nice, Susanna .....	Sterling, Ill.
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### Graduates in Business

Berlin, Gladys .....	Goshen, Ind.
Whirlledge, Asa .....	Goshen, Ind.

# STUDENT ENROLLMENT 1917-18

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## COLLEGE

### Seniors

Bender, Harold .....	Elkhart, Ind.
Byler, Maude .....	West Liberty, Ohio
Hartzler, Raymond .....	Topeka, Ind.
Hesh, Elma .....	Wakarusa, Ind.
Horsch, Elizabeth .....	Scottsdale, Pa.
Liechty, Ora .....	Sterling, Ohio
Lehman, Elban .....	Columbiana, Ohio
Lehman, Bernice .....	Nappanee, Ind.
Miller, Payson .....	Shipshewana, Ind.
Slabaugh, Jancy .....	Goshen, Ind.
Showalter, Amos .....	Conway, Kas.
Smucker, Jesse .....	Smithville, Ohio
Yoder, Homer .....	Denbigh, Va.
Wayre, Alma .....	West Liberty, Ohio
Weaver, Vinora .....	Shipshewana, Ind.
Miller, Sadie Byler .....	Chicago, Ill.

### Juniors

Brunk, Joseph .....	Denbigh, Va.
Brunk, Walter .....	Elida, Ohio
Bauman, Norman .....	Elmira, Ont.
Cressman, Joseph B. ....	Kitchener, Ont.
Good, Mary .....	Weilersville, Ohio
Hartzell, Arthur .....	Scouderton, Pa.
Liechty, Elizabeth .....	Sterling, Ohio
Meyer, Emmanuel .....	Sterling, Ohio
Schott, Esther .....	Blue Island, Ill.
Slagel, Arthur .....	Flanagan, Ill.
Wysong, Gerald .....	Goshen, Ind.

### Sophomores

Allgyer, Anna .....	West Liberty, Ohio
Beery, Ruth .....	Goshen, Ind.
Bryner, Fred .....	Goshen, Ind.
Charpie, Hebrert .....	New Paris, Ind.
Cartmell, Helen .....	Middlebury, Ind.
Eschliman, Ray .....	Dalton, Ohio
King, Chauncey .....	West Liberty, Ohio

Landis, Florence .....	Goshen, Ind.
Lehman, Mable .....	Goshen, Ind.
Miller, Vesta .....	Shanesville, Ohio
Miller, Clay .....	Shanesville, Ohio
Miller, Clara .....	Middlebury, Ind.
Reed, Hannah .....	Goshen, Ind.
Reed, Esther .....	Goshen, Ind.
Rychener, Raymond .....	Pettisville, Ohio
Shoup, Ella .....	Columbiana, Ohio
Shoup, Vernon .....	Middlebury, Ind.
Stoltzfus, Eli .....	West Liberty, Ohio
Umble, Fern .....	West Liberty, Ohio
Weber, Harry .....	Sterling, Ill.
Weldy, Gladys .....	Elkhart, Ind.
Wenger, Savilla .....	Wakarusa, Ind.
Yoder, Joe .....	West Liberty, Ohio

## Freshmen

Brown, Carlyle .....	Goshen, Ind.
Blauch, Norbert .....	Aurora, Ohio
Byler, Nellie .....	West Liberty, Ohio
Blocker, Mary .....	Wakarusa, Ind.
Bemenderfer, Elizabeth .....	Goshen, Ind.
Cripe, Otis .....	New Paris, Ind.
Conrad, Rozella .....	Smithville, Ohio
Cunningham, Loretta .....	Goshen, Ind.
Deter, Ezra .....	Morrison, Ill.
Diller, Arthur .....	Elida, Ohio
Davis, Leah .....	South Bend, Ind.
Ebersole, Emma .....	Dixon, Ill.
Graybill, Clara .....	Goshen, Ind.
Grassmyer, A. Fay .....	Belleville, Pa.
Harnish, Ella .....	Garden City, Mo.
Hertzler, Esther .....	Denbigh, Va.
Hertzler, Mark .....	Denbigh, Va.
Hartzler, Minnie .....	Belleville, Pa.
Hershberger, Lloyd .....	Walnut Creek, Ohio
Hostetler, Frank .....	Harper, Kas.
Hooley, Clara .....	Goshen, Ind.
Hill, Gertrude .....	Goshen, Ind.
Hartman, Russell .....	Nappanee, Ind.
Jones, Bernice .....	Goshen, Ind.
Kratz, Clayton .....	Bloomington, Ind.
Kauffman, Nellie .....	Middlebury, Ind.
Le Fevre, Noah .....	Sterling, Ill.
Lehman, Josephine .....	Nappanee, Ind.
Moore, Ruby .....	Minot, N. D.
Meyer, Adella .....	Sterling, Ohio



Miller, David .....	Sugar Creek, Ohio
Miller, Gladys .....	Middlebury, Ind.
Miller, Maude .....	Goshen, Ind.
Mathews, DeWitt .....	Goshen, Ind.
Nunemaker, Harvey .....	Sterling, Ill.
Nelson, Dewey .....	Shipshewana, Ind.
Prough, Ruth .....	Shipshewana, Ind.
Riesen, Cordelia .....	Berne, Ind.
Rogers, Dewey .....	Goshen, Ind.
Reynolds, Paul .....	Elkhart, Ind.
Smucker, Mrs. Ralph .....	Tiskilwa, Ill.
Smucker, Ralph .....	Tiskilwa, Ill.
Stutzman, Jonathan .....	Goshen, Ind.
Sprunger, Mary Ann .....	Berne, Ind.
Sprunger, Leona .....	Berne, Ind.
Stoltzfus, Lena .....	West Liberty, Ohio
Shank, Erasmus .....	Elida, Ohio
Smith, Arthur .....	Metamora, Ill.
Schertz, Raymond .....	Metamora, Ill.
Strickler, Winnie .....	Goshen, Ind.
Stover, Myrta .....	Rittman, Ohio
Skusa, Elsie .....	South Bend, Ind.
Smucker, Wilma .....	Orrville, Ohio
Shaum, Beulah .....	Nappanee, Ind.
Thut, John .....	West Liberty, Ohio
Unzicker, Myrtle .....	Goshen, Ind.
Wilden, Julia .....	Goshen, Ind.
Yoder, Anna .....	Belleville, Pa.
Yoder, Anna .....	Middlebury, Ind.
Yoder, Kathryn .....	Sterling, Ohio

### NORMAL SCHOOL

Blocker, Mary .....	Wakarusa, Ind.
Berry, Ruth .....	Goshen, Ind.
Cripe, Otis .....	New Paris, Ind.
Davis, Leah .....	South Bend, Ind.
Ebersole, Emma .....	Dixon, Ill.
Evans, Agnes .....	Cromwell, Ind.
Graybill, Clara .....	Goshen, Ind.
Hartzler, Minnie .....	Belleville, Pa.
Hooley, Clara .....	Goshen, Ind.
Nelson, Dewey .....	Shipshewana, Ind.
Prough, Ruth .....	Shipshewana, Ind.
Shaum, Beulah .....	Nappanee, Ind.
Strickler, Winnie .....	Goshen, Ind.
Umble, Fern .....	West Liberty, Ohio
Wagner, Winifred .....	Wakarusa, Ind.
Yoder, Anna .....	Belleville, Pa.

Yoder, Anna May ..... Middlebury, Ind.

# ACADEMY

## Fourth Year

Anderson, Margaret ..... Chicago, Ill.  
 Bontrager, Ferne ..... Goshen, Ind.  
 Bontrager, Gertrude ..... Goshen, Ind.  
 Beck, Arthur ..... Goshen, Ind.  
 Buschert, Chester ..... Breslau, Ont.  
 Gerber, Paul ..... Chester, Mont.  
 Hostetler, Jay ..... Goshen, Ind.  
 Hooley, Vernon ..... Goshen, Ind.  
 Hershberger, Lloyd ..... Walnut Creek, Ohio  
 Hostetler, Anna ..... Elkhart, Ind.  
 Hartzler, Frank ..... West Liberty, Ohio  
 Kaser, Don ..... New Paris, Ind.  
 Miller, Alvin ..... Garden City, Mo.  
 Nafziger, Ralph ..... Hopedale, Ill.  
 Pletcher, Miles ..... Goshen, Ind.  
 Snyder, Alice ..... Roseland, Neb.  
 Spiker, Delta ..... Wooster, Ohio  
 Snyder, Mary ..... Hespeler, Ont.  
 Stauffer, Mahlon ..... Rittman, Ohio  
 Weber, Lewis ..... Waterloo, Ont.  
 Yoder, Gola ..... Elkhart, Ind.  
 Yoder, Floyd ..... Goshen, Ind.  
 Yoder, Leah ..... West Liberty, Ohio

## Third Year

Arnold, Levi ..... New Paris, Ind.  
 Bauman, Irvin ..... Elmira, Ont.  
 Cressman, Elvina ..... Breslau, Ont.  
 Ganger, Effie ..... Goshen, Ind.  
 Gingerich, Irving ..... Princeton, Ill.  
 Hess, Miriam ..... Goshen, Ind.  
 Hostetler, Alma ..... Shippshewana, Ind.  
 Kanagy, Minnie ..... New Castle, Pa.  
 Lehman, Oscar ..... Wakarusa, Ind.  
 Neff, Florence ..... New Paris, Ind.  
 Pangonis, Walter ..... Clarion, Iowa  
 Shank, Forest ..... Goshen, Ind.  
 Snyder, Daniel ..... Roseland, Neb.  
 Stuafter, Bessie ..... Rittman, Ohio  
 Weaver, Verda ..... Goshen, Ind.  
 Zimmerman, John ..... Gordonville, Pa.

## Second Year

Bond, Mary .....	Goshen, Ind.
Bond, Martha .....	Goshen, Ind.
Brubaker, Ruth .....	Freeport, Ill.
Brubaker, Nora .....	Freeport, Ill.
Christophel, Alice .....	Cullom, Ill.
Cripe, Chester .....	Goshen, Ind.
Grosh, Myrtle .....	Elkhart, Ind.
Hostetler, James .....	Sugar Creek, Ohio
Leer, Eston .....	Goshen, Ind.
Moyer, Mary .....	Elkhart, Ind.
Simon, Clement .....	Goshen, Ind.
Smoker, Guy .....	Goshen, Ind.
Smoker, Ruby .....	Goshen, Ind.
Snider, Willard .....	Waterloo, Ont.
Shantz, Fannie .....	Elkhart, Ind.
Shoup, Marie .....	Goshen, Ind.
Snyder, Oliver .....	Preston, Ont.
Shantz, Earl .....	Cullom, Ill.
Weaver, Roy .....	Wakarusa, Ind.
Whitehead, Leonard .....	New Paris, Ind.

## First Year

Bohn, Ernest .....	Millersburg, Ind.
Bowman, Edna .....	Waterloo, Ont.
Burkholder, Nora .....	Smithville, Ohio
Garber, Edwin .....	Jackson, Minn.
Hoover, Maynard .....	Goshen, Ind.
Huff, Winifred .....	Goshen, Ind.
Litweiler, Albert .....	Morton, Ill.
Miller, Joe .....	Goshen, Ind.
McCulloch, Amos .....	Cullom, Ill.
Miller, Truman .....	Goshen, Ind.
Pletcher, Schuyler .....	Goshen, Ind.
Pangonis, Walter .....	Clarion, Iowa
Roeschley, Leo .....	Flanagan, Ill.
Smoker, Walter .....	Goshen, Ind.
Smoker, Louise .....	Goshen, Ind.
Swihart, Glen .....	Goshen, Ind.
Sommers, Albert .....	Metamora, Ill.
Snyder, Mabel .....	Waterloo, Ont.
Stump, Russel .....	Goshen, Ind.
Talbot, Alice .....	Chicago, Ill.
Yordy, Walter .....	Eureka, Ill.

## BUSINESS

Bemenderfer, Eliabzeth .....	Goshen, Ind.
Bolvin, Eglantine .....	Haileyburg, Ont.

Bontrager, Gertrude .....	Goshen, Ind.
Cunningham, Loretta .....	Goshen, Ind.
Cregier, Marguerite .....	Goshen, Ind.
Gingerich, Irving .....	Princeton, Ill.
Good, Ethel .....	Howe, Ind.
Hartzler, Fannie .....	Garden City, Mo.
Hartman, Russell .....	Nappanee, Ind.
Hostetler, Alma .....	Shipshewana, Ind.
Kreider, Beulah .....	Goshen, Ind.
Long, Truman .....	Goshen, Ind.
Moore, Ruby .....	Minot, N. D.
Mathews, DeWitt .....	Goshen, Ind.
Morris, Lurline .....	Goshen, Ind.
Miller, Joseph .....	Goshen, Ind.
Miller, Helen Jane .....	Goshen, Ind.
Miller, Edythe Marie .....	Goshen, Ind.
McWhirter, Esther .....	Eureka, Ill.
Roth, Cleo .....	Goshen, Ind.
Roy, Francina .....	Goshen, Ind.
Reisetter, Tilmer .....	Radcliffe, Iowa
Smiley, Lucy .....	Goshen, Ind.
Singer, Orpha .....	Goshen, Ind.
Thompson, Harold .....	Millersburg, Ind.
Tallman, Hattie .....	Whitefish, Mont.
Unzicker, Vernon .....	Goshen, Ind.
Wilden, Julia .....	Goshen, Ind.
Winter, Gladys .....	Goshen, Ind.
Yoder, Louise .....	Goshen, Ind.

# MUSIC

Byler, Nellie .....	West Liberty, Ohio
Brenneman, Orpha .....	Goshen, Ind.
Burkhard, Anna .....	Goshen, Ind.
Bartholomew, Esther .....	Goshen, Ind.
Conrad, Rozella .....	Smithville, Ohio
Clayton, Ethel .....	New Paris, Ind.
Cartmell, Helen .....	Middlebury, Ind.
Case, Mary .....	Goshen, Ind.
Glueck, Laura .....	Goshen, Ind.
Guth, Eunice .....	Huntley, Ill.
Gerig, Daniel S., Jr. ....	Goshen, Ind.
Holdeman, Claude .....	Goshen, Ind.
Huff, Winifred .....	Goshen, Ind.
Hanna, Veronica .....	Goshen, Ind.
Hostetler, Frank .....	Harper, Kas.
Liederer, Clara .....	Goshen, Ind.
Lantz, Russell .....	Topeka, Ind.
Pickering, Miriam .....	Goshen, Ind.

Reed, Esther .....	Goshen, Ind.
Rohn, Gladys .....	Goshen, Ind.
Rhodes, Mabel .....	Goshen, Ind.
Shoemaker, Ruth .....	Freeport, Ill.
Yoder, Minnie .....	Goshen, Ind.
Zook, Barbara .....	Goshen, Ind.

## BIBLE

Bohn, Sarah .....	Millersburg, Ind.
Bohn, Anna .....	Millersburg, Ind.
Berger, Hilbert .....	Bremen, Ind.
Camp, Dinah .....	Washington, Ill.
Froese, Tina .....	Main Centre, Sask.
Gingerich, Wilfred .....	Buda, Ill.
Gray, Walter .....	Tiskilwa, Ill.
Horst, Viola .....	White Cloud, Mich.
Kreider, Mrs. Stella .....	Goshen, Ind.
Kauffman, Mabel .....	West Liberty, Ohio
Kanagy, Minnie .....	New Castle, Pa.
Landis, Elmer .....	Houston, Va.
Litweiler, Luella .....	Morton, Ill.
Mast, Grace .....	Plymouth, Ind.
Miller, Ernest .....	Middlebry, Ind.
Moyer, Mary .....	Elkhart, Ind.
Nofsinger, Lula .....	Washington, Ill.
Roth, Esther .....	Morton, Ill.
Rohrer, Elizabeth .....	Hazenmbre, Sask.
Weaver, Rose .....	Elkhart, Ind.

## AGRICULTURE

Brown, Carlyle .....	Goshen, Ind.
Grassmyer, A. Fay .....	Belleville, Pa.
Garber, Edwin .....	Jackson, Minn.
Kauffman, Fred .....	West Liberty, Ohio
Kratz, Clayton .....	Blooming Glen, Pa.
McCulloch, Amos .....	Cullom, Ill.
Roeschley, Leo .....	Flanagan, Ill.
Smith, Arthur .....	Metamora, Ill.
Sommer, Albert .....	Metamora, Ill.
Yordy, Walter .....	Eureka, Ill.

## SPECIAL

Raul Arguidin .....	Havana, Cuba
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# ROSTER OF STUDENTS

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## SUMMER SCHOOL

Airgood, Faye .....	Millersburg, Ind.
Allison, Florence .....	Shipshewana, Ind.
Abin, Lewis .....	Nappanee, Ind.
Barthel, Florence .....	Bristol, Ind.
Blake, Mary .....	Elkhart, Ind.
Bauman, Irvin .....	Elmira, Ont.
Berry, Ruth .....	Goshen, Ind.
Byler, Maude .....	Cable, Ohio
Blough, G. Elwyn .....	Middlebury, Ind.
Bauman, Norman .....	Elmira, Ont.
Bender, Harold .....	Elkhart, Ind.
Boyd, Irene .....	Wawaka, Ind.
Beery, Lola .....	Columbus Grove, Ohio
Baker, Dwight .....	Elkhart, Ind.
Bemiller, Ruth .....	Elkhart, Ind.
Butler, Frank .....	Bristol, Ind.
Berry, Arthur .....	Goshen, Ind.
Brunk, J. E. ....	Goshen, Ind.
Bryner, Fred .....	Goshen, Ind.
Cartmell, Helen .....	Middlebury, Ind.
Cripe, Fern .....	Goshen, Ind.
Clingerman, Virgil .....	Cromwell, Ind.
Coble, Mrs. Myrtle .....	Goshen, Ind.
Clear, Beatrice .....	Kendallville, Ind.
Caris, Trella .....	Milford, Ind.
Cripe, Earnest .....	Goshen, Ind.
Delcamp, Inez .....	Bourbon, Ind.
Darr, Vera .....	New Paris, Ind.
Doty, Nellie .....	Plymouth, Ind.
Detweiler, Laura .....	Seville, Ohio
Eash, Almeda .....	Shipshewana, Ind.
Eddy, Donelda .....	Wawaka, Ind.
Eigsti, Edna .....	Manson, Iowa
Frey, Owen .....	Amboy, Ind.
Faught, Hester .....	Amboy, Ind.
Fitting, Mabel Rose .....	Knox, Ind.
Gerber, Paulyne .....	Wawaka, Ind.
Grabill, Cordelia .....	Goshen, Ind.
Groves, Dorothea .....	Milford, Ind.
Gunther, John .....	Goshen, Ind.
Good, Mary .....	Elida, Ohio
Guidi, Modesti .....	Banes Ote, Cuba
Garberick, LeRoy .....	Wakarusa, Ind.
George, Veneta .....	Morrison, Ill.
Hershey, Charles .....	La Junta, Colo.
Hess, Lucile .....	Goshen, Ind.
Hartzler, Sadie .....	Wooster, Ohio



Holdeman, Irene .....	Goshen, Ind.
Hunsperger, Andrew .....	Wakarusa, Ind.
Haller, Allen .....	Ligonier, Ind.
Hooley, Clara .....	Goshen, Ind.
Hostetler, Goldie .....	Goshen, Ind.
Hirst, Bernice .....	Shipshewana, Ind.
Hartzler, B. Frank .....	West Liberty, Ohio
Harwood, Gladys .....	Goshen, Ind.
Hawks, Evelyn .....	Goshen, Ind.
King, Alice .....	Wawaka, Ind.
Krabbill, Lucile .....	West Liberty, Ohio
Kennel, Claire .....	Goshen, Ind.
Lehman, Oscar .....	Goshen, Ind.
Liechty, Harry .....	Sterling, Ohio
Landis, John .....	Goshen, Ind.
Lantz, Mary .....	Topeka, Ind.
Lockhart, Frank .....	Avilla, Ind.
Mattern, Emanuel .....	Sterling, Ohio
Meyer, Adella .....	Sterling, Ohio
Miller, Nettie .....	Auburn, Ind.
Metzler, Paul .....	akarusa, Ind.
Morris, Lurline .....	Goshen, Ind.
Miller, Edyth .....	Goshen, Ind.
Menaugh, Ethel .....	Goshen, Ind.
Moore, Gladys .....	Rome City, Ind.
Myers, Polly Mae .....	Greentown, Ind.
Mason, Thelma .....	Millersburg, Ind.
Miller, Maude .....	Goshen, Ind.
Moto Enriqueillo .....	St Dgo, Dominican Republic
Meech, Frances .....	Beloit, Wis.
March, Milo .....	Goshen, Ind.
Murphy, Ada .....	Elkhart, Ind.
Nice, Violetta .....	Morrison, Ill.
Nice, Susanna .....	Sterling, Ill.
Osborn, Pearl .....	Brimfield, Ind.
Pettis, Lucretia .....	Knox, Ind.
Pletcher, Miles .....	Goshen, Ind.
Ritter, Wava .....	Topeka, Ind.
Ruff, Florence .....	Tyner, Ind.
Roy, Francina .....	Goshen, Ind.
Swank, Freda .....	Goshen, Ind.
Smucker, Emma .....	Smithville, Ohio
Smiley, Lucy .....	Goshen, Ind.
Schwab, Modelle .....	Wawaka, Ind.
Shrock, Auola .....	Goshen, Ind.
Smith, Wilma .....	New Paris, Ind.
Seehawer, Margaret .....	Syracuse, Ind.
Springer, Esther .....	Elkhart, Ind.
Slabaugh, J. F. ....	Goshen, Ind.

# ROSTER OF STUDENTS

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Schertz, Rose .....	Manson, Iowa
Schertz, Lillian .....	Manson, Iowa
Slabaugh, Jancy R. ....	Goshen, Ind.
Strycker, Grace .....	New Paris, Ind.
Stettler, Emma .....	Goshen, Ind.
Shoup, Agnes Deslyn .....	Goshen, Ind.
Smith, Emmett .....	Ligonier, Ind.
Triece, Ellen .....	Elkhart, Ind.
Troupe, Fannie .....	Goshen, Ind.
Truex, Charles .....	Nappanee, Ind.
Tallman, Hattie .....	Whitefish, Mont.
Van Scoik, Edna .....	Elkhart, Ind.
Vernon, Esther .....	Millersburg, Ind.
Wallgren, Douglas .....	Goshen, Ind.
Whiteman, Wreath .....	South Bend, Ind.
Weller, Alliene .....	South Bend, Ind.
Wilkinson, Alliene N. ....	South Bend, Ind.
Warye, Alma .....	West Liberty, Ohio
Weaver, Myrtis .....	Goshen, Ind.
Weaver, Verda .....	Goshen, Ind.
Whirlledge, Asa .....	Goshen, Ind.
Walz, Helen .....	South Bend, Ind.
Wysong, Inez .....	Goshen, Ind.
Weaver, Vinora .....	Shipshewana, Ind.
Winegar, Helen .....	Middlebury, Ind.
Yoder, Wilma .....	Nappanee, Ind.
Yoder, Rhea .....	Middlebury, Ind.
Yoder, Anna .....	Goshen, Ind.
Yoder, Ruth .....	Bellefontaine, Ohio
Zimmerman, John .....	Gordonville, Pa.
Zimmerman, Madie .....	Middlebury, Ind.
Zook, Mrs. P. R. ....	Goshen, Ind.

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Music .....	24
Business .....	30
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Agriculture .....	10
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Saskatchewan .....	2
Minnesota .....	2
Cuba .....	2
Nebraska .....	2
Michigan .....	2
North Dakota .....	1
Wisconsin .....	1
Colorado .....	1
San Domingo .....	1
<hr/>	
Total, no name counted twice .....	378

# ALUMNI ASSOCIATION

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Organized 1901—Incorporated 1911

## Officers:

F. S. Ebersole .....	President
J. S. Yoder .....	First Vice President
J. E. Weaver .....	Second Vice President
Anna Yoder .....	Recording Secretary
Mrs. J. E. Weaver .....	Corresponding Secretary
Samuel Witmer .....	Treasurer
J. C. Meyer .....	Historian

## Executive Committee

Frank S. Ebersole	Samuel Witmer	J. E. Weaver
Anna Yoder	J. S. Yoder	

## Board of Directors

### Term Expires in 1919

J. Frank Ebersole	S. E. Weaver	P. E. Whitmer
	J. C. Meyer	

### Term Expires in 1920

E. E. Miller	J. E. Weaver	Frank S. Ebersole
	Samuel Witmer	

### Term Expires in 1921

J. M. Kurtz	J. S. Yoder	Anna Yoder
	Raymond Hartzler	

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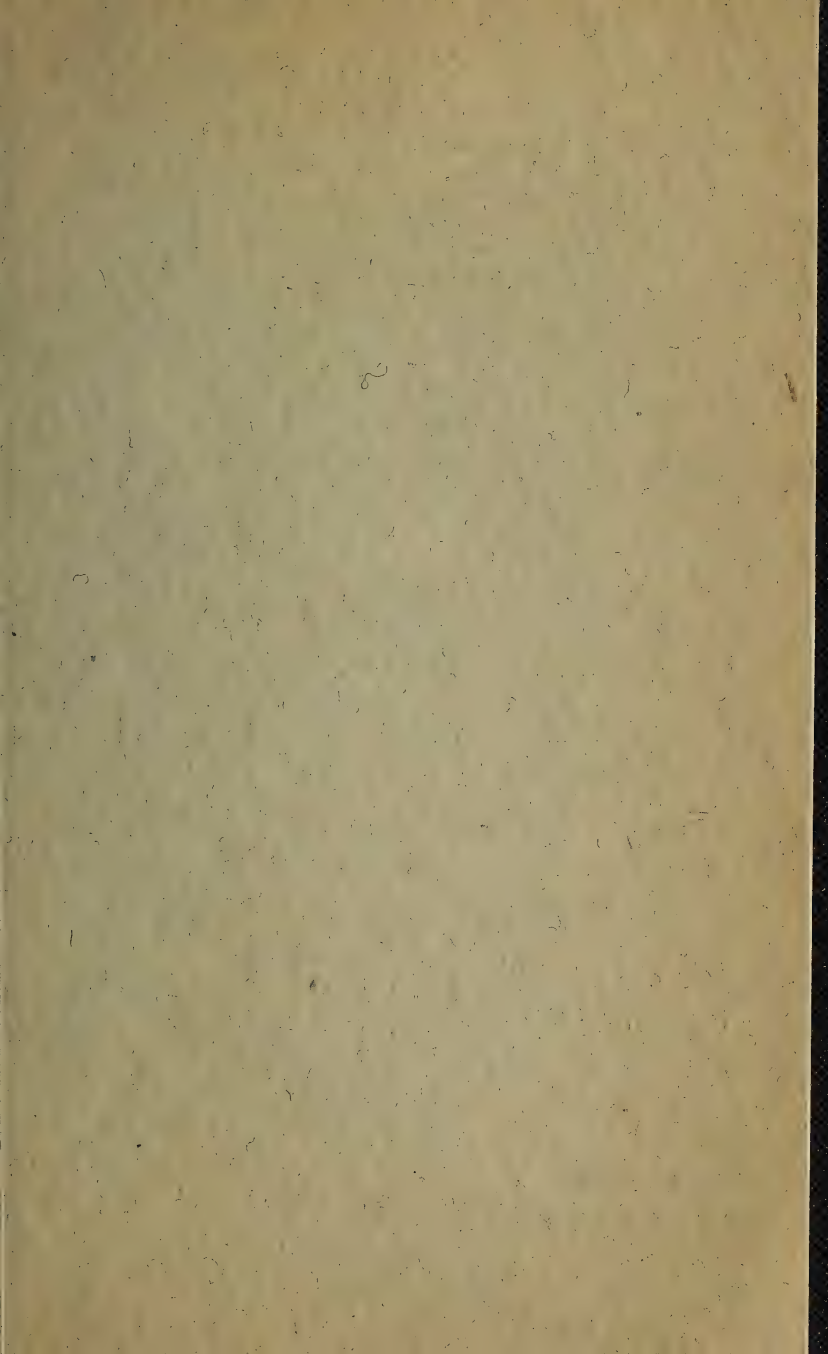
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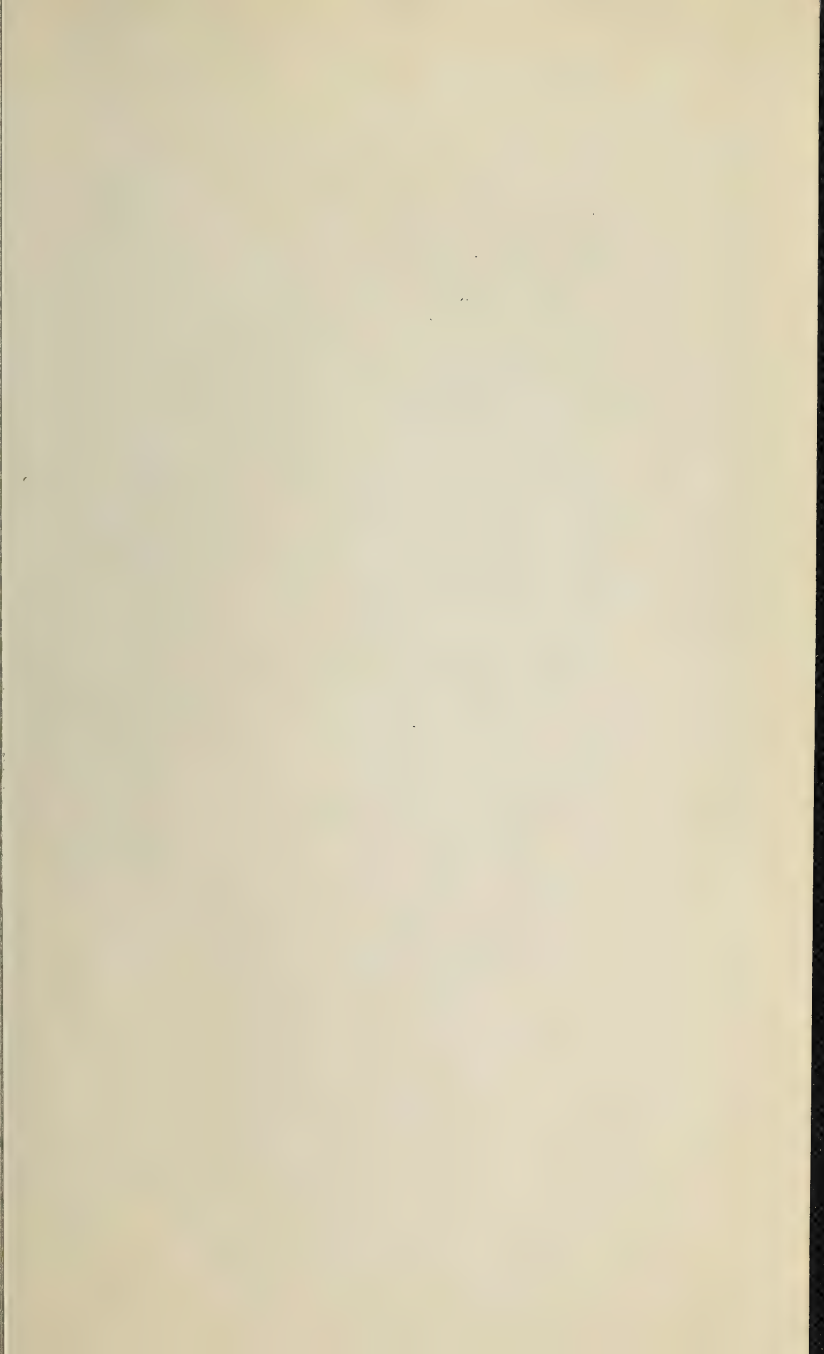
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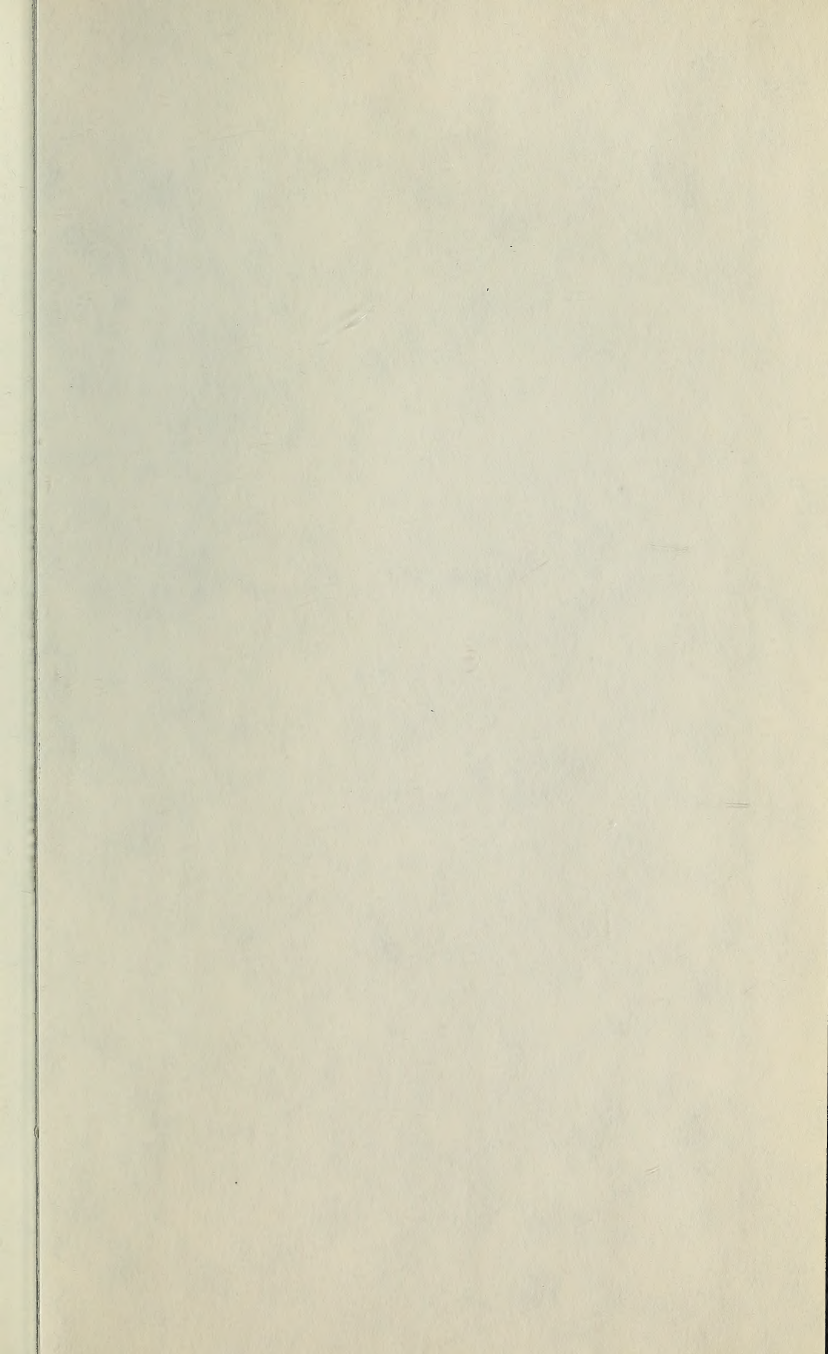




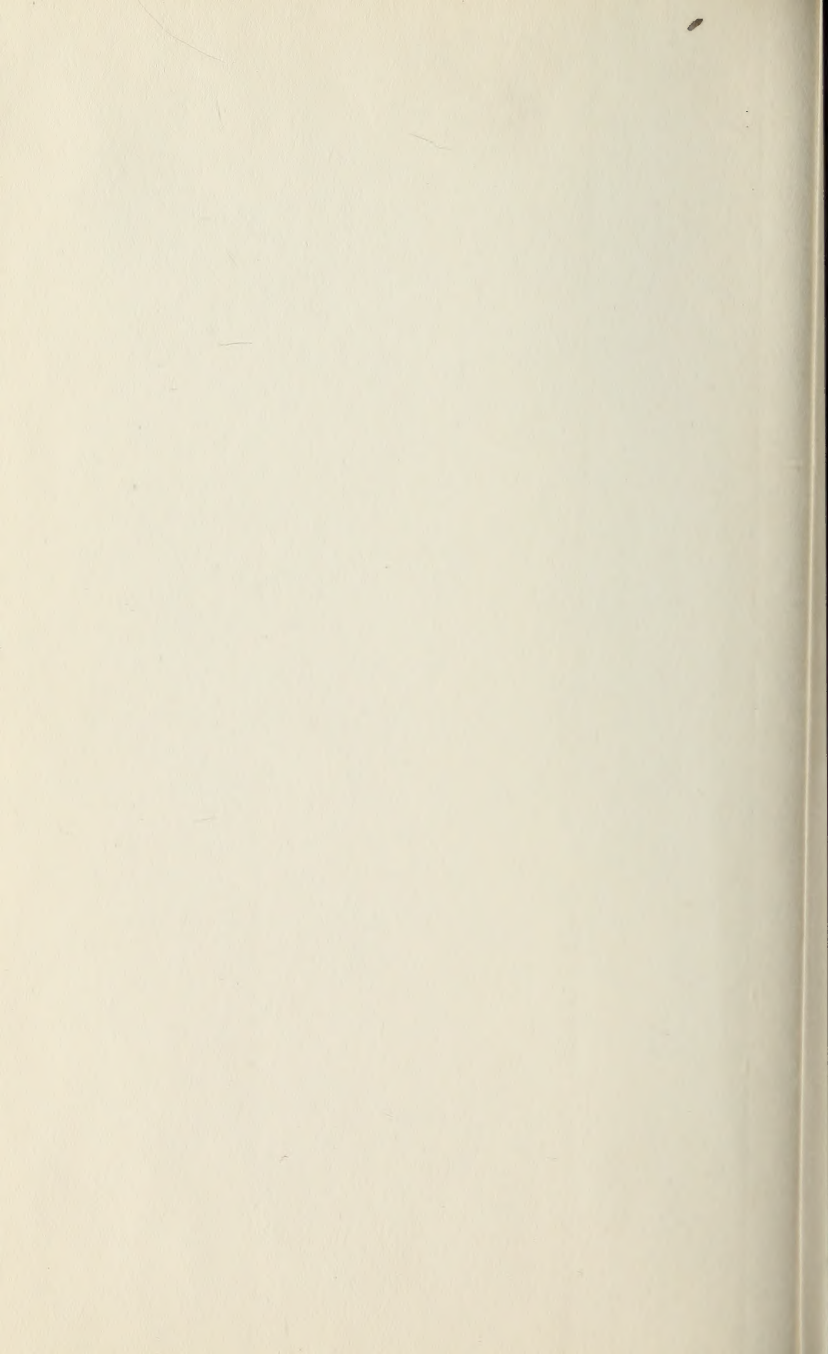














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